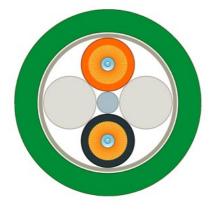
SIEMENS

Data sheet 6XV1861-3AT25

product type designation

product description



PCF Standard Cable GP

PCF fiber-optic cable with plastic cladding, preferred length, preassembled PCF Standard Cable, pre-assembled with 2x2 BFOC plugs, insertion aid, length 250 m.

version of the assembled FO cable cable designation AT-V(ZN)YY 2K 200/230 polical data attenuation factor per length • at 650 nm / maximum • at 660 nm / maximum bandwidth length product • at 850 nm number of Fibers / per FOC core 1 number of FDe cores / per FOC cable 2 version of the FO conductor fiber • of the FO corose / per FOC cable 2 version of the FOC core sheath • of the optical fibers • of the optical fibers • of the optical fibers abeath 2.2 mm symmetrical deviation / of the outer diameter of the FOC core sheath outer diameter / of the cable symmetrical deviation / of the outer diameter of the line material • of the fiber-optic cable core of the optical fiber sheath • of the fiber-optic cable sheath • of the FOC core sheath • of cable sheath • of the FOC core sheath • of cable sheath • of the FOC core sheath • of the F	suitability for use	Cable for permanent installation indoors and outdoors, UL approval
wire length pitical data attenuation factor per length • at 650 nm / maximum • at 650 nm / maximum 10 dB/km bandwidth length product • at 650 nm 17 GHz·m mechanical data number of fibers / per FOC core number of FOC cores / per FOC cable version of the FOC cores / per FOC cable outer diameter • of the optical fibers • of the optical fibers abath • of the FOC core sheath symmetrical deviation / of the outer diameter of the FOC core sheath outer diameter / of the cable of the optical fiber sheath • of the FOC core sheath outer diameter / of the cable outer diameter / of the cable Quartz diameter / of the cable outer diameter / of the outer diameter of the line material of the FOC core sheath of the FOC core sh	version of the assembled FO cable	Assembled with four BFOC connectors
attenuation factor per length • at 650 nm / maximum • at 650 nm / maximum bandwidth length product • at 650 nm 17 GHz·m mochanical data number of fibers / per FOC core number of FO cores / per FOC cable version of the FO conductor fiber of the optical fibers of the optical fiber sheath of the optical fiber sheath of the optical fiber sheath outer diameter / of the cable symmetrical deviation / of the outer diameter of the FOC core sheath outer diameter / of the cable of the fiber-optic cable ore symmetrical deviation / of the outer diameter of the line material of the fiber-optic cable core of the optical fiber sheath of the fiber-optic cable sheath of the FOC core sheath of the strain relief color of the FOC core sheath of armid fibers color of the FOC core sheath of armid fibers with multiple bends / minimum permissible with single bend / minimum permissible of uning installation / short-term of during operation / maximum 100 N	cable designation	AT-V(ZN)YY 2K 200/230
attenuation factor per length at 660 nm / maximum bandwidth length product at 660 nm / maximum bandwidth length product at 650 nm 17 GHz·m mechanical data number of fibres / per FOC core number of FO cores / per FOC cable version of the FO conductor fiber of the optical fibers of the optical fibers sheath of the optical fiber sheath of the FOC core sheath outer diameter / of the cable symmetrical deviation / of the outer diameter of the line outer diameter / of the fiber-optic cable core sheath outer diameter / of the fiber of the cable symmetrical deviation / of the outer diameter of the line of the fiber-optic cable core of the optical fiber sheath very fiber of the fiber of t	wire length	250 m
at 650 nm / maximum bandwidth length product at 650 nm 17 GHz m mechanical data number of fibers / per FCC core number of FD cores / per FCC cable version of the FO conductor fiber of the optical fibers of the optical fibers of the optical fibers of the optical fibers outer diameter of the FCC core sheath of the optical fiber sheath of the FCC core sheath version of the fiber optical fiber sheath of the FCC core sheath outer diameter / of the cable symmetrical deviation / of the outer diameter of the line naterial of the fiber-optic cable core of the optical fiber sheath of the fiber-optic cable core of the fiber-optic cable sheath of the fiber-optic cable sheath of the FCC core sheath of the FCC core sheath of the FCC core sheath of the fiber-optic cable sheath of the FCC core sheath of the FCC core sheath of the fiber-optic cable sheath of the fiber-optic	optical data	
e at 660 nm / maximum bandwidth length product e at 650 nm 17 GHz·m mechanical data number of fibers / per FOC core 1 number of FO cores / per FOC cable 2 version of the FO conductor fiber outer diameter e of the optical fibers seath of the FOC core sheath 220 µm symmetrical deviation / of the outer diameter of the FOC core sheath outer diameter / of the cable xymmetrical deviation / of the outer diameter of the line outer diameter / of the cable xymmetrical deviation / of the outer diameter of the line outer diameter / of the cable xymmetrical deviation / of the outer diameter of the line outer diameter / of the cable xymmetrical deviation / of the outer diameter of the line of the fiber-optic cable core of the oftical fiber sheath Special polymer of the FOC core sheath PVC of the fiber-optic cable sheath of the FOC core sheath PVC of the fiber-optic cable sheath of the FOC core sheath pvC of the strain relief color of the FOC core sheath orange/black of cable sheath bending radius with single bend / minimum permissible of this multiple bends / minimum permissible of during installation / short-term of during operation / maximum 100 N	attenuation factor per length	
• at 650 nm 17 GHz·m mochanical data number of fibers / per FOC core 1 number of FO cores / per FOC cable 2 version of the FO conductor fiber 200 µm of the optical fibers sheath 230 µm of the optical fiber sheath 230 µm of the optical fiber sheath 230 µm symmetrical deviation / of the outer diameter of the FOC core sheath 2.2 mm symmetrical deviation of the outer diameter of the FOC core sheath 2.5 mm outer diameter / of the outer diameter of the FOC core sheath 2.5 mm outer diameter / of the outer diameter of the line 0.5 mm material of the fiber-optic cable core Quartz glass of the optical fiber sheath Special polymer of the fiber-optic cable sheath PVC of the fiber-optic cable sheath PVC of the strain relief Aramid fibers color of the FOC core sheath profice of the FOC core sheath green bending radius with single bend / minimum permissible 70 mm ethical evaluation / short-term 800 N oduring operation / maximum 100 N	• at 650 nm / maximum	10 dB/km
■ at 650 nm mochanical data number of FDC core	• at 660 nm / maximum	10 dB/km
number of fibers / per FOC core 1 number of FO cores / per FOC cable 2 version of the FO conductor fiber Step index fiber 200/230 μm outer diameter 200 μm • of the optical fibers sheath 230 μm • of the potical fiber sheath 2.2 mm symmetrical deviation / of the outer diameter of the FOC core sheath 0.1 mm outer diameter / of the cable 7.2 mm symmetrical deviation / of the outer diameter of the line 0.5 mm material 0 of the fiber-optic cable core Quartz glass • of the optical fiber sheath Special polymer • of the FOC core sheath PVC • of the fiber-optic cable sheath PVC • of the fiber-optic cable sheath PVC • of the FOC core sheath green • of the FOC core sheath orange/black • of the FOC core sheath green bending radius with single bend / minimum permissible 70 mm • with multiple bends / minimum permissible 105 mm tensile load during installation / short-term 800 N • during operation / maximum 100 N	bandwidth length product	
number of fibers / per FOC core number of FO cores / per FOC cable version of the FO conductor fiber outer diameter • of the optical fibers • of the optical fiber sheath • of the FOC core sheath version of the FOC core sheath • of the outer diameter of the FOC core sheath outer diameter / of the cable symmetrical deviation / of the outer diameter of the FOC core sheath outer diameter / of the cable symmetrical deviation / of the outer diameter of the line material • of the fiber-optic cable core • of the optical fiber sheath • of the potical fiber sheath • of the FOC core sheath • of the Special polymer • of the FOC core sheath • of the strain relief color • of the FOC core sheath • of cable sheath • of mm • with multiple bends / minimum permissible • with single bend / minimum permissible • during installation / short-term • during operation / maximum	• at 650 nm	17 GHz·m
number of FO cores / per FOC cable version of the FO conductor fiber outer diameter • of the optical fibers • of the optical fiber sheath • of the FOC core sheath outer diameter / of the couter diameter of the FOC core sheath symmetrical deviation / of the outer diameter of the FOC core sheath outer diameter / of the cable symmetrical deviation / of the outer diameter of the line outer diameter / of the cable symmetrical deviation / of the outer diameter of the line material • of the fiber-optic cable core • of the optical fiber sheath • of the FOC core sheath • of the FOC core sheath • of the fiber-optic cable sheath • of the strain relief color • of the FOC core sheath • of cable sheath • of the FOC core sheath • of the FOC cor	mechanical data	
version of the FO conductor fiber outer diameter • of the optical fibers • of the optical fiber sheath • of the pC core sheath • of the pC core sheath symmetrical deviation / of the outer diameter of the FOC core sheath outer diameter / of the cable symmetrical deviation / of the outer diameter of the line outer diameter / of the cable symmetrical deviation / of the outer diameter of the line material • of the fiber-optic cable core • of the optical fiber sheath • of the FOC core sheath • of the fiber-optic cable sheath • of the fiber-optic cable sheath • of the fiber-optic cable sheath • of the strain relief color • of the strain relief color • of the FOC core sheath • of cable sheath • with single bend / minimum permissible • with multiple bends / minimum permissible • during installation / short-term • during operation / maximum	number of fibers / per FOC core	1
outer diameter • of the optical fibers • of the optical fiber sheath 230 µm • of the FOC core sheath 2.2 mm symmetrical deviation / of the outer diameter of the FOC core sheath outer diameter / of the cable 7.2 mm symmetrical deviation / of the outer diameter of the line material • of the fiber-optic cable core • of the optical fiber sheath • of the optical fiber sheath • of the fiber-optic cable sheath • of the strain relief color • of the FOC core sheath • of cable sheath • of cable sheath • of cable sheath • of able sheath with single bend / minimum permissible • with multiple bends / minimum permissible • with multiple bends / minimum permissible • during installation / short-term • during operation / maximum 100 N	number of FO cores / per FOC cable	2
of the optical fibers of the optical fiber sheath 230 µm of the FOC core sheath 22 mm symmetrical deviation / of the outer diameter of the FOC core sheath outer diameter / of the cable symmetrical deviation / of the outer diameter of the line outer diameter / of the cable 7.2 mm symmetrical deviation / of the outer diameter of the line of the fiber-optic cable core of the fiber-optic cable core of the optical fiber sheath of the FOC core sheath of the FOC core sheath of the strain relief color of the strain relief color of the FOC core sheath orange/black of cable sheath spreen bending radius with single bend / minimum permissible with multiple bends / minimum permissible with multiple bends / minimum permissible tensile load during installation / short-term and the FOC core sheath and the processor of the FOC core sheath orange/black spreen 105 mm 800 N during operation / maximum	version of the FO conductor fiber	Step index fiber 200/230 µm
of the optical fiber sheath of the FOC core sheath 2.2 mm symmetrical deviation / of the outer diameter of the FOC core sheath outer diameter / of the cable symmetrical deviation / of the outer diameter of the line outer diameter / of the cable symmetrical deviation / of the outer diameter of the line material of the fiber-optic cable core of the optical fiber sheath Special polymer of the FOC core sheath PVC of the fiber-optic cable sheath PVC of the strain relief color of the FOC core sheath of cable sheath e of cable sheath bending radius with single bend / minimum permissible with multiple bends / minimum permissible tensile load during installation / short-term during operation / maximum 100 N	outer diameter	
outer diameter / of the outer diameter of the FOC core sheath outer diameter / of the outer diameter of the FOC core symmetrical deviation / of the outer diameter of the line outer diameter / of the cable symmetrical deviation / of the outer diameter of the line material of the fiber-optic cable core of the optical fiber sheath of the FOC core sheath of the FOC core sheath of the strain relief color of the FOC core sheath orange/black or cable sheath e of cable sheath with single bend / minimum permissible with multiple bends / minimum permissible with multiple bends / minimum permissible otherwise during operation / short-term 800 N during operation / maximum 100 N	 of the optical fibers 	200 μm
symmetrical deviation / of the outer diameter of the FOC core sheath outer diameter / of the cable symmetrical deviation / of the outer diameter of the line symmetrical deviation / of the outer diameter of the line of the fiber-optic cable core of the optical fiber sheath of the FOC core sheath of the fiber-optic cable sheath of the fiber-optic cable sheath of the strain relief color of the FOC core sheath orange/black of cable sheath bending radius with single bend / minimum permissible with multiple bends / minimum permissible with multiple bends / minimum permissible of during installation / short-term eduring operation / maximum 100 N	 of the optical fiber sheath 	230 μm
sheath outer diameter / of the cable symmetrical deviation / of the outer diameter of the line of the fiber-optic cable core of the FOC core sheath of the strain relief color of of the FOC core sheath of able sheath of cable sheath of the FOC core sheath of the strain relief color of the strain relief color of with single bend / minimum permissible with multiple bends / minimum permissible tensile load of during installation / short-term outer the symmetric allows outer diameter of the line Outer diame	of the FOC core sheath	2.2 mm
symmetrical deviation / of the outer diameter of the line material of the fiber-optic cable core of the optical fiber sheath of the FOC core sheath of the fiber-optic cable sheath of the fiber-optic cable sheath of the strain relief color of the FOC core sheath orange/black of cable sheath orange/black with single bend / minimum permissible with multiple bends / minimum permissible of during installation / short-term of the fine of the fine outer diameter of the line and outer glass Outer Outer glass O		0.1 mm
material of the fiber-optic cable core of the optical fiber sheath of the FOC core sheath of the FOC core sheath of the fiber-optic cable sheath PVC of the fiber-optic cable sheath of the strain relief Aramid fibers color of the FOC core sheath orange/black of cable sheath or cange/black with single bend / minimum permissible with multiple bends / minimum permissible owith multiple bends / minimum permissible of during installation / short-term of during operation / maximum 800 N of during operation / maximum	outer diameter / of the cable	7.2 mm
 of the fiber-optic cable core of the optical fiber sheath of the FOC core sheath of the fiber-optic cable sheath of the strain relief of the strain relief Aramid fibers Color of the FOC core sheath of cable sheath bending radius with single bend / minimum permissible with multiple bends / minimum permissible with multiple bends / minimum permissible of during installation / short-term during operation / maximum 100 N 	symmetrical deviation / of the outer diameter of the line	0.5 mm
 of the optical fiber sheath of the FOC core sheath PVC of the fiber-optic cable sheath of the strain relief of the FOC core sheath of the FOC core sheath of cable sheath bending radius with single bend / minimum permissible with multiple bends / minimum permissible tensile load during installation / short-term during operation / maximum 100 N 	material	
of the FOC core sheath of the fiber-optic cable sheath of the strain relief of the FOC core sheath of cable sheath of cable sheath of cable sheath bending radius with single bend / minimum permissible with multiple bends / minimum permissible of during installation / short-term of the FOC core sheath orange/black green 70 mm 105 mm	 of the fiber-optic cable core 	Quartz glass
of the fiber-optic cable sheath of the strain relief Aramid fibers color of the FOC core sheath orange/black of cable sheath green bending radius with single bend / minimum permissible with multiple bends / minimum permissible with multiple bends / minimum permissible our multiple bends / minimum permissible tensile load ouring installation / short-term our multiple bends / minimum permissible ### 800 N ### during operation / maximum ### 100 N	 of the optical fiber sheath 	Special polymer
of the strain relief color of the FOC core sheath orange/black of cable sheath bending radius with single bend / minimum permissible with multiple bends / minimum permissible tensile load during installation / short-term during operation / maximum 100 N Aramid fibers FO may green 800 M 800 N	 of the FOC core sheath 	PVC
color of the FOC core sheath orange/black of cable sheath green bending radius with single bend / minimum permissible with multiple bends / minimum permissible tensile load of during installation / short-term during operation / maximum 100 N	 of the fiber-optic cable sheath 	PVC
of the FOC core sheath orange/black of cable sheath green bending radius with single bend / minimum permissible with multiple bends / minimum permissible with multiple bends / minimum permissible tensile load during installation / short-term during operation / maximum 100 N	of the strain relief	Aramid fibers
of cable sheath bending radius with single bend / minimum permissible with multiple bends / minimum permissible tensile load during installation / short-term during operation / maximum 100 N	color	
bending radius • with single bend / minimum permissible • with multiple bends / minimum permissible 105 mm tensile load • during installation / short-term • during operation / maximum 100 N	 of the FOC core sheath 	orange/black
 with single bend / minimum permissible with multiple bends / minimum permissible tensile load during installation / short-term during operation / maximum 100 N 	of cable sheath	green
with multiple bends / minimum permissible tensile load during installation / short-term during operation / maximum 100 N	bending radius	
tensile load • during installation / short-term • during operation / maximum 100 N	 with single bend / minimum permissible 	70 mm
 during installation / short-term during operation / maximum 100 N 	with multiple bends / minimum permissible	105 mm
• during operation / maximum 100 N	tensile load	
	 during installation / short-term 	800 N
short-term shear force per length 500 N/cm	during operation / maximum	100 N
	short-term shear force per length	500 N/cm

weight per length 45 kg/km		
ambient temperature • during storage • to during storage • to suring installation fine-behavor fire behavor chemical resistance • to mineral oil • to grease conditional resistance • to mineral oil • to grease conditional resistance conditional resistance conditional resistance conditional resistance conditional resistance product features, product functions, product components / general product features • halogen-free • halogen-fre	continuous shear force per length	300 N/cm
ambient temperature • during operation • during storage • during transport • during installation • to mineral oil • to mineral oil • to grease • during installation • to indicate resistance • to mineral oil • to grease • radiological resistance / to UV radiation • resistant protection class IP product features, product functions, product components / general product resture • halogen-free • silicon-free • silicon-free • silicon-free • silicon-free • or PCF FCC / for Industrial Ethernet / maximum • for PCF FCC / for Industrial Ethernet / maximum • for PCF FCC / with PROFIBUS / maximum • for PCF FCC / with PROFIBUS / maximum • for PCF FCC / with PROFIBUS / maximum • for PCF FCC / with PROFIBUS / maximum • for PCF FCC / silicon-free • according to IEC 81346-2 • to website: Industrial communication • to website: Industrial co	weight per length	45 kg/km
during operation during storage during itansport during installation during insta	ambient conditions	
e during storage e during installation e during installation fire behavior fire behavior fire behavior in omineral oil e to grease radiological resistance (conditional resistance radiological resistance / to UV radiation protection class IP product feature halogen-free halogen-free halogen-free product omponent / rodent protection wire length for PCF FOC / for Industrial Ethernet / maximum for PCF FOC / with PROFIBUS / maximum for PCF FOC / with rodent protection wire length for PCF FOC / with PROFIBUS / maximum for PCF FOC / with rodent protection wire length for PCF FOC / with rodent protection for PCF FOC / with rodent protection for PCF FOC / with rodent protect	ambient temperature	
e during transport during installation 5+50 °C fire behavior fire behavior fire behavior fire behavior for mineral oil to grease conditional resistance e to mineral oil to grease conditional resistance radiological resistance / 10 UV radiation protection class IP product features, product functions, product components / general product features, product functions, product components / general product features halogen-free halogen-free silicon-free vire length for PCF FOC / for Industrial Ethernet / maximum for PCF FOC / with PROFIBUS / with PR	during operation	-40 +85 °C
during installation fire behavior fire behavior chemical resistance	during storage	-25 +75 °C
fire behavior chemical resistance • to mineral oil • to grease radiological resistance / to UV radiation protection class IP product features, product functions, product components / general • haiogen-free • haiogen-free • haiogen-free • silicon-free • silicon-free • or PCF FOC / for Industrial Ethernet / maximum • for PCF FOC / with PROFIBLY / maximum • for PCF FOC / with PROFIBLY / maximum • for PCF FOC saltons, approvals certificate of suitability • UL approval • ROHS conformity • ROHS conformity ves reference code • according to IEC 81346-2 • according to IEC 81346-2 • according to IEC 81346-2-2019 what further information / internet links internet link • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to website: Industrial communication • to website: Information and Download Center • to website: Selection guide for cables and connectors • to website: Selection guide for cables and connectors • to website: Selection guide for cables and connectors • to website: Image database • to website: Image database • to website: Industris Image database • to website: Industris Image database • to website: Industris Image database • to website: CAx-Download-Manager flame resistance conditional resistance conditional resistance rodiditional resistance conditional resistance reconditional resistance conditional resistance resistant resistant conditional resistance conditional resistance resistant resi	during transport	-25 +75 °C
chemical resistance	during installation	-5 +50 °C
e to mineral oil e to grease radiological resistance / to UV radiation resistant rordection class IP product features, product functions, product components / general product feature e halogen-free e halogen-free e silicon-free yes product component / rodent protection No wire length e for PCF FOC / for Industrial Ethernet / maximum e for PCF FOC / with PROFIBUS / maximum e for PCF FOC / with PROFIBUS / maximum e for PCF FOC / suith PROFIBUS / maximum e for PCF FOC / suith PROFIBUS / maximum e for PCF FOC / with PROFIBUS / maximum e for PCF FOC / with PROFIBUS / maximum e for PCF FOC / with PROFIBUS / maximum e for PCF FOC / with PROFIBUS / maximum e for PCF FOC / with PROFIBUS / maximum e for PCF FOC / with PROFIBUS / maximum e for PCF FOC / with PROFIBUS / maximum e for PCF FOC / with PROFIBUS / maximum e for PCF FOC / with PROFIBUS / maximum e for PCF FOC / with PROFIBUS / maximum e for PCF FOC / with PROFIBUS / maximum e for PCF FOC / with PROFIBUS / maximum e for PCF FOC / with PROFIBUS / maximum e for PCF FOC / with PROFIBUS / maximum e for PCF FOC / with PROFIBUS / maximum e for PCF FOC / with PROFIBUS / maximum e for PCF FOC / with PROFIBUS / maximum e for PCF FOC / for Industrial Ethernet / maximum e for PCF FOC / for Industrial Ethernet / maximum e for PCF FOC / for Industrial Ethernet / maximum e for PCF FOC / for Industrial Ethernet / maximum e for PCF FOC / for Industrial Ethernet / maximum e for PCF FOC / for Industrial Ethernet / maximum e for PCF FOC / for Industrial Ethernet / maximum e for PCF FOC / for Industrial Ethernet / maximum e for PCF FOC / for Industrial Ethernet / maximum e for PCF FOC / for Industrial Ethernet / maximum e for PCF FOC / for Industrial Ethernet / maximum e for PCF FOC / for Industrial Ethernet / maximum e for PCF FOC / for Industrial Ethernet / maximum e for PCF FOC / for Industrial Ethernet / maximum e for PCF FOC / for Industrial Ethernet / maximum e for PCF FOC / for Industrial Ethernet / maximum e for PCF FOC / for Industrial Ethernet / maximum e for PCF FOC / fo	fire behavior	flame-resistant acc. to IEC 60332-1-2 and IEC 60332-3-22 (Cat. A)
to grease conditional resistance radiological resistance / to UV radiation resistant protection class IP IP20 product features, product functions, product components / general product feature	chemical resistance	
radiological resistance / to UV radiation resistant protection class IP IP20 product features, product functions, product components / general product feature	• to mineral oil	conditional resistance
product features, product functions, product components / general product feature	• to grease	conditional resistance
product features product functions, product components / general product feature • halogen-free • silicon-free product component / rodent protection wire length • for PCF FOC / for Industrial Ethernet / maximum • for PCF FOC / with PROFIBUS / maximum • for PCF FOC / with PROFIBUS / maximum • for PCF FOC / with PROFIBUS / maximum • UL approval • UL approval • ROHS conformity • UL approval • ROHS conformity reference code • according to IEC 81346-2 • according to IEC 81346-2:2019 what internet link • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to website: Industrial and Download Center • to website: Selection guide for cables and connectors • to website: Indage database • to website: CAx-Download-Manager http://www.siemens.com/bilddb http://www.siemens.com/bilddb http://www.siemens.com/bilddb http://www.siemens.com/bilddb http://www.siemens.com/bilddb http://www.siemens.com/bilddb http://www.siemens.com/bilddb	radiological resistance / to UV radiation	resistant
product feature	protection class IP	IP20
halogen-free silicon-free Yes product component / rodent protection Wire length for PCF FOC / for Industrial Ethernet / maximum for PCF FOC / with PROFIBUS / maximum 400 m standards, specifications, approvals certificate of suitability UL approval PROHS conformity ROHS conformity reference code according to IEC 81346-2 according to IEC 81346-2:2019 whA further information / internet links internet link to web page: selection aid TIA Selection Tool to website: Industrial communication to website: Industrial communication to website: Industrial and Download Center to website: Information and Download Center to website: Center Toda	product features, product functions, product components / general	
• silicon-free Yes product component / rodent protection No wire length • for PCF FOC / for Industrial Ethernet / maximum 400 m • for PCF FOC / with PROFIBUS / maximum 400 m standards, specifications, approvals certificate of suitability • UL approval Yes; UL approval: OFN (NEC Article 770, UL 1651) / CSA approval: OFN 90 °C, FT1, FT4 (CSA standard C22.2 No. 232-M1988) • ROHS conformity Yes reference code • according to IEC 81346-2 WH • according to IEC 81346-2:2019 WHA further information / internet links internet link • to web page: selection aid TIA Selection Tool • to website: Industry Mall • to website: Industry Mall • to website: Information and Download Center • to website: Information and Download Center • to website: Image database • to website: Image database • to website: Image database • to website: CAx-Download-Manager	product feature	
product component / rodent protection wire length • for PCF FOC / for Industrial Ethernet / maximum • for PCF FOC / with PROFIBUS / maximum • for PCF FOC / with PROFIBUS / maximum **standards, specifications, approvals certificate of suitability • UL approval • ROHS conformity **reference code • according to IEC 81346-2 • according to IEC 81346-2:2019 **WHA **further information / internet links internet link • to web page: selection aid TIA Selection Tool • to website: Industry Mall • to website: Industry Mall • to website: Information and Download Center • to website: Information and Download Center • to website: Selection guide for cables and connectors • to website: Image database • to website: Image database • to website: CAx-Download-Manager **No maximum **100 m **400 m **Yes **Yes; UL approval: OFN (NEC Article 770, UL 1651) / CSA approval: OFN 90 **C, FT1, FT4 (CSA standard C22.2 No. 232-M1988) **Yes **Yes **Yes **Yes **HE	• halogen-free	No
wire length • for PCF FOC / for Industrial Ethernet / maximum • for PCF FOC / with PROFIBUS / maximum * standards, specifications, approvals certificate of suitability • UL approval • RoHS conformity • RoHS conformity reference code • according to IEC 81346-2 • according to IEC 81346-2:2019 * what internet link • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to website: Information and Download Center • to website: Selection guide for cables and connectors • to website: Image database • to website: Image database • to website: CAx-Download-Manager * to website: CAx-Download-Manager * 100 m 400 m *	• silicon-free	Yes
• for PCF FOC / for Industrial Ethernet / maximum • for PCF FOC / with PROFIBUS / maximum * standards, specifications, approvals certificate of suitability • UL approval • RoHS conformity * RoHS conformity * Pes; UL approval: OFN (NEC Article 770, UL 1651) / CSA approval: OFN 90 * C, FT1, FT4 (CSA standard C22.2 No. 232-M1988) * RoHS conformity * Yes reference code • according to IEC 81346-2 • according to IEC 81346-2:2019 * WH * Author information / internet links internet link • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to website: Industry Mall • to website: Information and Download Center • to website: Selection guide for cables and connectors • to website: Selection guide for cables and connectors • to website: Image database • to website: Image database • to website: CAx-Download-Manager **Industrial Communication **Internet Internet Inte	product component / rodent protection	No
• for PCF FOC / with PROFIBUS / maximum standards, specifications, approvals certificate of suitability • UL approval • UL approval • RoHS conformity reference code • according to IEC 81346-2 • according to IEC 81346-2:2019 further information / internet links internet link • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to website: Industry Mall • to website: Information and Download Center • to website: Selection guide for cables and connectors • to website: Image database • to website: Image database • to website: CAx-Download-Manager • tot website: CAx-Download-Manager	wire length	
certificate of suitability • UL approval • C, FT1, FT4 (CSA standard C22.2 No. 232-M1988) • RoHS conformity reference code • according to IEC 81346-2 • according to IEC 81346-2:2019 further information / internet links internet link • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to website: Industry Mall • to website: Information and Download Center • to website: Selection guide for cables and connectors • to website: Image database • to website: Image database • to website: CAX-Download-Manager	 for PCF FOC / for Industrial Ethernet / maximum 	100 m
certificate of suitability • UL approval • UL approval • ROHS conformity reference code • according to IEC 81346-2 • according to IEC 81346-2:2019 further information / internet links internet link • to web page: selection aid TIA Selection Tool • to website: Industry Mall • to website: Industry Mall • to website: Information and Download Center • to website: Selection guide for cables and connectors • to website: Image database • to website: CAx-Download-Manager Yes; UL approval: OFN (NEC Article 770, UL 1651) / CSA approval: OFN 90 **C, FT1, FT4 (CSA standard C22.2 No. 232-M1988) Yes; UL approval: OFN (NEC Article 770, UL 1651) / CSA approval: OFN 90 **C, FT1, FT4 (CSA standard C22.2 No. 232-M1988) Yes; UL approval: OFN (NEC Article 770, UL 1651) / CSA approval: OFN 90 **C, FT1, FT4 (CSA standard C22.2 No. 232-M1988) Yes; UL approval: OFN (NEC Article 770, UL 1651) / CSA approval: OFN 90 **C, FT1, FT4 (CSA standard C22.2 No. 232-M1988) **WH **Hatis and the selection of the selection	for PCF FOC / with PROFIBUS / maximum	400 m
VIL approval Post Conformity Yes; UL approval: OFN (NEC Article 770, UL 1651) / CSA approval: OFN 90 °C, FT1, FT4 (CSA standard C22.2 No. 232-M1988) Yes reference code	standards, specifications, approvals	
• RoHS conformity Yes reference code • according to IEC 81346-2 • according to IEC 81346-2:2019 WHA further information / internet links internet link • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to website: Industry Mall • to website: Information and Download Center • to website: Selection guide for cables and connectors • to website: Image database • to website: CAx-Download-Manager • http://www.siemens.com/bilddb • to website: CAx-Download-Manager	certificate of suitability	
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• to website: Industry Online Support https://support.industry.siemens.com	• to website: CAx-Download-Manager	http://www.siemens.com/cax
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