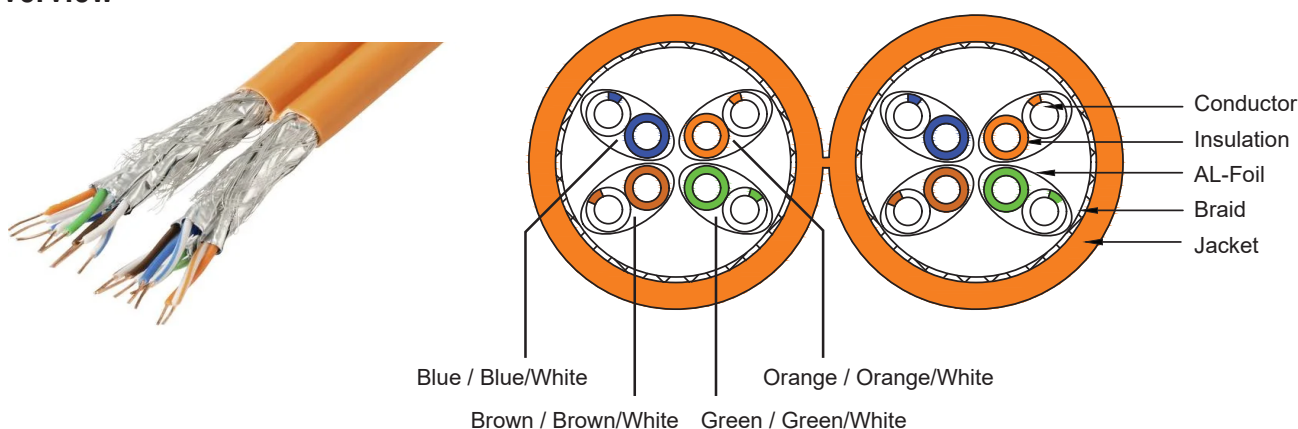




DATASHEET

Item No.	Product	Length	Frequency rating
3394265	CAT.7 S/FTP Duplex Installation cable	50 m ± 0.5 m	1000 MHz
3394266	CAT.7 S/FTP Duplex Installation cable	100 m ± 1 m	1000 MHz
3394186	CAT.7 S/FTP Duplex Installation cable	500 m ± 5 m	1000 MHz
3394268	CAT.7a S/FTP Duplex Installation cable	50 m ± 0.5 m	1300 MHz
3394269	CAT.7a S/FTP Duplex Installation cable	100 m ± 1 m	1300 MHz
3394187	CAT.7a S/FTP Duplex Installation cable	500 m ± 5 m	1300 MHz

Overview



Technical data

Item no. 3394265	Item no. 3394266	Item no. 3394186
Duplex Cable for installation	Duplex Cable for installation	Duplex Cable for installation
Network Analyzer Passed	Network Analyzer Passed	Network Analyzer Passed
Duplex Round Solid Cable	Duplex Round Solid Cable	Duplex Round Solid Cable
S/FTP PiMF	S/FTP PIMF	S/FTP PIMF
ISO/IEC 11801:2017 Class F ISO/IEC EN 50173 Class F ANSI/TIA 568.2-D CAT.7	ISO/IEC 11801:2017 Class F ISO/IEC EN 50173 Class F ANSI/TIA 568.2-D CAT.7	ISO/IEC 11801:2017 Class F ISO/IEC EN 50173 Class F ANSI/TIA 568.2-D CAT.7
2 x 4 x 2 x AWG23 (0.24 mm ²) / 1	2 x 4 x 2 x AWG23 (0.24 mm ²) / 1	2 x 4 x 2 x AWG23 (0.24 mm ²) / 1
2 x 4 x 2 x AWG23 / 1	2 x 4 x 2 x AWG23 / 1	2 x 4 x 2 x AWG23 / 1
99.99% oxygen-free copper 1/0.55 ± 0.005 mm	99.99% oxygen-free copper 1/0.55 ± 0.005 mm	99.99% oxygen-free copper 1/0.55 ± 0.005 mm
S/FTP, AL-Foil*4+Braid, Foam-PE Insulation	S/FTP, AL-Foil*4+Braid, Foam-PE Insulation	S/FTP, AL-Foil*4+Braid, Foam-PE Insulation
Foam-PE Insulation	Foam-PE Insulation	Foam-PE Insulation
2 cores to a pair	2 cores to a pair	2 cores to a pair
4 pairs to a core	4 pairs to a core	4 pairs to a core
Single pairs with AL-Foil	Single pairs with AL-Foil	Single pairs with AL-Foil
Overall braid	Overall braid	Overall braid
Jacket: LSZH	Jacket: LSZH	Jacket: LSZH
Round cable, LSZH jacket	Round cable, LSZH jacket	Round cable, LSZH jacket
CPR-Dca (s1a, d1, a1) certified	CPR-Dca (s1a, d1, a1) certified	CPR-Dca (s1a, d1, a1) certified

Item no. 3394268	Item no. 3394269	Item no. 3394187
Duplex Cable for installation	Duplex Cable for installation	Duplex Cable for installation
Network Analyzer Passed	Network Analyzer Passed	Network Analyzer Passed
Duplex Round Solid Cable	S/FTP PiMF	Duplex Round Solid Cable
S/FTP PiMF	S/FTP PiMF	S/FTP PiMF
ISO/IEC 11801:2017 Class Fa ISO/IEC EN 50173 Class Fa ANSI/TIA 568.2-D CAT.7A	ISO/IEC 11801:2017 Class Fa ISO/IEC EN 50173 Class Fa ANSI/TIA 568.2-D CAT.7A	ISO/IEC 11801:2017 Class Fa ISO/IEC EN 50173 Class Fa ANSI/TIA 568.2-D CAT.7A
2 x 4 x 2 x AWG23 (0.27 mm ²) / 1	2 x 4 x 2 x AWG23 (0.27 mm ²) / 1	2 x 4 x 2 x AWG23 (0.27 mm ²) / 1
2 x 4 x 2 x AWG23 / 1	2 x 4 x 2 x AWG23 / 1	2 x 4 x 2 x AWG23 / 1
99.99% oxygen-free copper 1/0.585 ± 0.005mm	99.99% oxygen-free copper 1/0.585 ± 0.005 mm	99.99% oxygen-free copper 1/0.585 ± 0.005 mm
S/FTP, AL-Foil*4+Braid, Foam-PE Insulation	S/FTP, AL-Foil*4+Braid, Foam-PE Insulation	S/FTP, AL-Foil*4+Braid, Foam-PE Insulation
Foam-PE Insulation	Foam-PE Insulation	Foam-PE Insulation
2 cores to a pair	2 cores to a pair	2 cores to a pair
4 pairs to a core	4 pairs to a core	4 pairs to a core
Single pairs with AL-Foil	Single pairs with AL-Foil	Single pairs with AL-Foil
Overall braid	Overall braid	Overall braid
Jacket: LSZH	Jacket: LSZH	Jacket: LSZH
Round cable, LSZH jacket	Round cable, LSZH jacket	Round cable, LSZH jacket
CPR-Dca (s1a, d0, a1) certified	CPR-Dca (s1a, d0, a1) certified	CPR-Dca (s1a, d0, a1) certified

Property	Item	Unit	A (4P)
Conductor	Size	AWG	Item no. 3394265: 2 x 4 x 2 x AWG23 (0.24 mm ²) / 1 Item no. 3394266: 2 x 4 x 2 x AWG23 (0.24 mm ²) / 1 Item no. 3394186: 2 x 4 x 2 x AWG23 (0.24 mm ²) / 1 Item no. 3394268: 2 x 4 x 2 x AWG23 (0.27 mm ²) / 1 Item no. 3394269: 2 x 4 x 2 x AWG23 (0.27 mm ²) / 1 Item no. 3394187: 2 x 4 x 2 x AWG23 (0.27 mm ²) / 1
	Construction	Pcs/mm	1/0.55 ± 0.005 mm
	Material	/	BC
	Picks	mm	/
Insulation	Material	/	Foam-PE
	Diameter	mm	1.35 ± 0.05 mm
	Color		Blue/white-Blue Orange/white Orange Green/white Green Brown/white Brown
	Concentric	%	≥90 %
	Nominal thickness	mm	0.37 ± 0.05 mm

Property	Item	Unit	A (4P)
Twist	Construction	/	1P
	Al-Foil	mm u	YES
	Mylar	mm u	/
	Contort	%	/
	Overlapping	%	>20 %
	Diameter	mm	/
	Pick	mm	/
	Construction	/	4P
	Mylar overlapping	mm u %	/
	Drain Wire	mm	/
	Al-Foil/Overlapping	mm u %	/
	Fillers	/	
	Pe skeleton	mm	/
Braid/Shield	Construction	/	AL-MG OVERLAPPING $\geq$ 40%
Jacket	Material/Color	/	LSZH (IEC60332-1-2) / Orange RAL2003
	Outer diameter	mm	15.2 x 7.6 $\pm$ 0.3 mm
	Concentric	%	$\geq$ 80 %
	Nominal thickness	mm	0.50 $\pm$ 0.1 mm
Environment	Operating temperature	°C	-20 to +75 °C
	Storage temperature	°C	-20 to +75 °C
	Operation humidity	% rF	10 - 85 % rF
	Storage humidity	% rF	10 - 85 % rF