



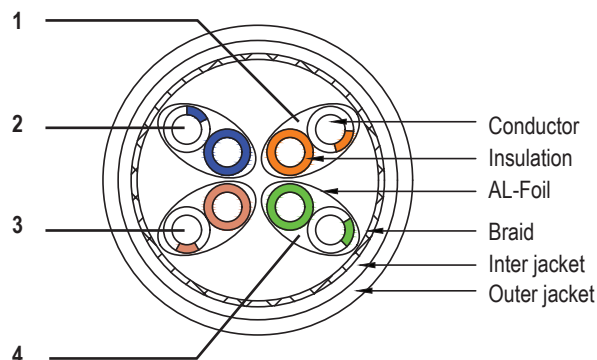
DATASHEET

Cat 7 10 Gbps Outdoor Network Cable 1000 MHz

Item No. 3728545 (100 m)

Item No. 3728546 (250 m)

Overview



- 1 WHITE-ORANGE/ORANGE
- 2 WHITE-BLUE/BLUE
- 3 WHITE-BROWN/BROWN
- 4 WHITE-GREEN/GREEN

Technical data

Items	Parameter / Size
Length	100 m (Item No. 3728545) 250 m (Item No. 3728546)
Working Temperature	-40 to +75°C
Storage Temperature	-40 to +75°C
Operation Humidity	10 - 85 %
Storage Humidity	10 - 85 %
Environmental Protection	UV resistant and waterproof
Supported Standards	IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt (TYPE 3 and TYPE 4)

Property	Parameter / Size	Unit	Specification A(4P)			
CONDUCTOR	AWG	AWG	23AWG			
	Construction	PCS/m	1/0.55±0.08 mm			
	Material	/	BC			
	Picks	mm	-			
INSULATION	Material	mm	Foam-PE			
	Diameter	/	1.32±0.05mm	1.32±0.05mm	1.32±0.05mm	1.32±0.05mm
	Color	/	White-Blue/Blue	White-Orange/Orange	White-Green/Green	White-Brown/Brown
	Concentric	%	≥ 90%	≥ 90%	≥ 90%	≥ 90%
	Nom. Thickness	mm	0.385 ± 0.05mm			
TWIST	Construction	/	1P	1P	1P	1P
	AL-Foil		YES			
	Mylar		-			
	Contort	%	/			
	Overlapping	%	>20%			
	Diameter	mm	/			
	Pick	mm	-			

TWIST	Construction	/	4P
	Mylar Overlapping		-
	Drain Wire		-
	AL-Foil/Overlapping		-
	Fillers		-
	PE Skeleton		-
BRAID/SHIELD	Construction	/	AL-MG OVERLAPPING $\geq 30\%$
JACKET	Material/Color	/	PVC+LLDPE, Black (Black Pantone 3C)
	Outer Dia.	mm	$8.0 \pm 0.3\text{mm}$
	Concentric	%	$\geq 80\%$
	Nom. Thickness	mm	Inter jacket $0.50 \pm 0.1\text{mm}$ / Outer jacket $0.50 \pm 0.1\text{mm}$