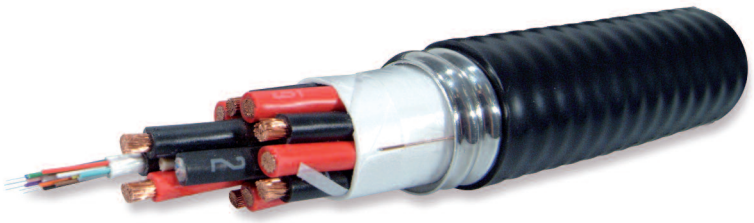
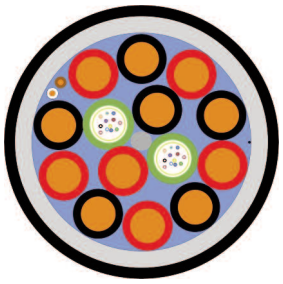
EUCAHYBRID 114-12AWG6-2x12MM5-CP
EUCAHYBRID 114-12AWG6-2x12SM-CP

PRODUCT DESCRIPTION





1-1/4" hybrid fiber optic cable with 48V energy feeder in a corrugated aluminum shielding with UV resistant PE jacket.
Multi mode and single mode fibre available.

TECHNICAL FEATURES

CONSTRUCTION	MM5	SM
Copper feed lines		
• Quantity	12	
• Conductor material	electrolytic copper	
• Section	13,3 mm²	
Dry contact		
• Quantity	2 (one pair)	
• Conductor material	electrolytic copper	
• Copper diameter	0,8 mm	
• Outer diameter (each wire)	1,6 mm	
Fiber Optic cable		
• Quantity	2	
• Fibers quantity	12	
• Fiber type	Multi Mode	Single Mode
• Fiber size	50/125/900 µm	9/125/900 µm
• Reinforcement	Aramide fiber	
Ripcord		
• Quantity	1	
• Material	Steel Wire	
• Diameter	0,8 mm	
Outer shield		
• Material	Corrugated aluminum tube	
• Diameter	36 mm	
Jacket		
• Material	Black Polyethylene	
• Thickness	1,5 mm	
• Diameter	39 mm	

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MECHANICAL

• Minimum bending radius	360 mm
• Maximum pulling strength	150 daN
• Recommended temperature range	
Storage	-30 °C - +70 °C
Installation	-20 °C - +60 °C
Operation	-30 °C - +70 °C
• Maximum Hanger spacing	1,0 m
• Approx. weight	2300 kg/km (1.55lbs /ft)

ELECTRICAL

• Main conductors	
Resistance	1,34 Ohm/km at 20° C
Operating DC voltage	48 V
Maximum DC current	50 A at 20 °C
• Dry contact	
Resistance	21,43 Ohm/km
Maximum DC voltage	600 V DC
Maximum DC current	6 A at 20 °C

OPTICAL	MM5	SM
• Fiber type	OM3	G657A1
• Fiber wave length	850 & 1300 nm	1310 & 1550 nm
• Max attenuation		
	850 nm: ≤3,0 dB/km	1310 nm: ≤0,40 dB/km
	1300 nm: ≤1,0 dB/km	1550 nm: ≤0,25 dB/km
• Core diameter	50 µm	9 µm
• Cladding diameter	125 µm	125 µm
• Coating diameter	250 µm	250 µm
• Tight buffer fiber diameter	900 µm	900 µm

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