

EUCAHYBRID 58-12C2.5-24SM

PRODUCT DESCRIPTION

6 pairs copper

12 pairs fiber



5/8" hybrid fiber optic cable with copper flexible feed lines in a corrugated aluminum shielding with UV resistant PE jacket.

TECHNICAL FEATURES

CONSTRUCTION

Copper feed lines

• Quantity	12 (6 pairs red & black)
• Conductor material	electrolytic copper
• Section	2,5 mm ² - class 5
• Diameter	3,2 mm
• Insulation material	PVC

Fiber Optic cable

• Quantity	1
• Fibers quantity	24
• Fiber type	Single Mode
• Fiber size	9/125/900 μm
• Reinforcement	Aramide fiber
• Diameter	7,9 mm

Ripcord

• Quantity	1
• Material	Steel Wire
• Diameter	0,8 mm

Outer shield

• Material	Corrugated aluminum tube
• Diameter	19,2 mm

Jacket

• Material	Black Polyethylene
• Thickness	1,1 mm
• Diameter	21,9 mm



TECHNICAL DATA SHEET

Hybrid Cables for RRH applications

Kabelwerk | **EUPEN** AG

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cable

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MECHANICAL

• Minimum bending radius	200 mm
• Maximum pulling strength	70 daN
• Recommended temperature range	
Storage	-25 °C - +70 °C
Installation	-5 °C - +50 °C
Operation	-25 °C - +70 °C
• Maximum Hanger spacing	1,0 m
• Approx. weight	590 kg/km

ELECTRICAL

• Main conductors	
Resistance	7,8 Ohm/km at 20° C
Maximum DC current	15 A at 20 °C

OPTICAL

SM

• Fiber type	single mode G657A1
• Fiber wave length	1310 & 1550 nm
• Max attenuation	
	1310 nm: ≤0,40 dB/km
	1550 nm: ≤0,25 dB/km
• Core diameter	9 µm
• Cladding diameter	125 µm
• Coating diameter	250 µm
• Tight buffer fiber diameter	900 µm