



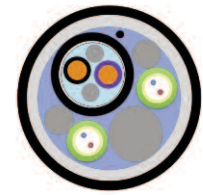
EUCAHYBRID 58-2C6B-2x2MM5

EUCAHYBRID 58-2C6B-2x2SM

PRODUCT DESCRIPTION

1 copper pair

2 fiber pairs



5/8" hybrid fiber optic cable with 48V energy feeder in a corrugated aluminum shielding with UV resistant PE jacket. Multi mode and single mode fiber available.

TECHNICAL FEATURES

CONSTRUCTION	MM5	SM
Copper feed lines		
• Type:	shielded bundel, UV rated	
• Quantity	1	
• Conductor material	electrolytic copper	
• Section	2 x 6 mm ²	
• Diameter	11 mm	
Fiber Optic cable element		
• Quantity	2	
• Fibers quantity per element	2	
• Fiber type	Multi Mode	Single Mode
• Fiber size	50/125/900 µm	9/125/900 µm
• Reinforcement	Aramide fiber	
• Diameter	5 mm	
Ripcord		
• Quantity	1	
• Material	Steel Wire	
• Diameter	1,0 mm	
Outer shield		
• Material	Corrugated aluminum tube	
• Diameter	19,7 mm	
Jacket		
• Material	Black Polyethylene	
• Thickness	1,1 mm	
• Diameter	21,9 mm	



TECHNICAL DATA SHEET

Hybrid Cables for RRH applications

Kabelwerk | **EUPEN** AG

Rev.: 00/2016-02-04

cable

2/2

EUCAHYBRID 58-2C6B-2x2MM5

EUCAHYBRID 58-2C6B-2x2SM

MECHANICAL

• Minimum bending radius	200 mm
• Maximum pulling strength	70 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	490 kg/km (0,33 lb/ft)

ELECTRICAL

• Main conductors	
Resistance	3,30 Ohm/km at 20 °C
Operating DC voltage	48 V

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