

SCHEMA TECNICA

Construction 2x4,0 mm²

Conductor: strand of bar copper wires VDE 0295 IEC60228 CLASS 5 CEI 20-29
 Insulation: Polyolefin dielectric brown, black - Ø=4,2 mm approx.

Construction 2x0,5 mm²

Conductor: strand of bar copper wires vde 0295 IEC60228 ceI 20-29 CLASS 5
 Insulation: Foam Polyolefin dielectric black, red - Ø=2,0 mm approx.
 Core twisted pair with optimal lay-length and mylar overlapping foil
 Pair sheath: alluminium-maylar overlapping foil with tinned copper drain wire

Cable lay up

Cores and pair twisted in concentric layers with optimal lay-length and mylar overlapping foil
 Inner jacket: Polyolefin compound natural
 Shield: tinned copper braid coverage >80%
 Jacket: Polyolefin compound matt black -Ø=13,6 mm approx.

Printing: MC SOLUTIONS MTC-01 (Metrica)

Mechanical characteristics

Temperature range service	-20°± +80°
Temperature range fix	-40°± +80°
Min. bend radius	15 x Ø
Weight	245 Kg/Km approx

Electrical Characteristics 2x5,0 mm²

Ohm Cond. Resistance	<3,8 ohm/Km 20°C	Test Voltage	2000V
Nominal Voltage	300/500V		
Isolation res.	>5,9 Gohm/Km at 20°		

Electrical Characteristics 2x0,5 mm²)

Ohm Cond. Resistance	<37,5 ohm/Km 20°C	Test Voltage	2000V
Impedance	120 Ohm		
Nominal Voltage	300/500V		
Isolation res.	>12,0 Gohm/Km at 20°		

