



Construction:

Conductor:	bare copper strands
Insulation:	TPE
Colour code:	0,75 mm ² : white, violet, orange, blue, brown, grey 25,0 mm ² : green-yellow 50,0 mm ² : red, black
Stranding:	0,75mm ² : cores twisted to pairs, pairs stranded in layers
Wrapping:	non-woven tape
Inner sheath:	PUR, black (RAL 9005)
Stranding:	all elements stranded in layers, filler in centre and interstices
Wrapping:	non-woven tape
Supporting screen:	high-tech yarn
Sheath material:	PUR
Sheath colour:	black (RAL 9005)

Dimension	outer-ø ca. mm	copper Figure kg/km	cable weight ≈ kg/km
2 x 50,0 mm ² + 1 x 25,0 mm ² + (3 x 2 x 0,75 mm ²) C	28,0	1267,0	1604

Construction:

Nominal voltage	Testing voltage	Temperature range
U ₀ /U 0,6/1kV	core/core 4000 V	fixed laying: -50/+90 °C flexible application: -40/+90 °C
Min. bending radius	Tensile strength	Absence of harmful substances
for laying and installation: 5 x d for repeated winding action: 7,5 x d	suspension unit max. 4000 N	acc. to RoHS directive of the European Union