



Combined power and signal cable intended for Omnis LONcommunication and supplying system power.

The power supply leads have a blank copper conductor, 1,0 mm² with a plastic, halogen free, flame retardant insulation. The signal transmission conductors are twisted pair, solid copper with a diameter of 0,8 mm, PE insulation, shielded with an aluminum / polyester foil. The cable has a halogen free, flame retardant jacket and is intended for indoor installation.

Reaction to fire classification complies with DCa-s2d2a2 according to EN 13501-6

Key features

- Combined power and signal pairs
- Halogen free
- Flame retardant
- Max. 100V operating voltage
- Meter markings on outer jacket



Technical data

Construction

Denomination	RQQAQBR
Shield	HFFR (polyolefin)
Color	White
Meter markings	Yes
Tolerances, jacket and insulation	The average thickness shall not in any section be less than 90% of nominal thickness. The minimum thickness shall not in any section be less than 75% of nominal thickness.

Properties, conductors for power supply

Nominal area	1,0 mm ²
Nominal thickness, insulation	0,6 mm
Color scheme, single power pair	Conductor 1: Red Conductor 2: Black
Color scheme, twin power pair	Pair 1: Red-Black Pair 2: Green-Black
Composition	Multi-threaded, blank, annealed copper, 32x0,19 mm.

Properties, conductors for signal transmission

Nominal diameter	0,8 mm
Nominal area	0,5 mm ²
Nominal thickness, insulation	0,3 mm
Color scheme	Pair 1: White-Blue
Composition	Solid, plain, annealed copper

Properties, screen

Nominal aluminum thickness	0,009 mm
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Weight

7,0 kg/100 m

11,3 kg/100 m



Ordering data

Article No.	Description	Wire Pairs	Length	Weight
V54592-Z161-A100	Cable, Halogen-Free 100m Reel (Omnis)	2x1,0 + 1x2x0,8	100m	7.1 kg
V54592-Z162-A100	Cable Halogen-Free 500m Reel (Omnis)	2x1,0 + 1x2x0,8	500m	36 kg

V54592-Z163-A100

Cable, Twin Pair, Halogen-Free 500m Reel

2x2x1,0 + 1x2x0,8

500m

57 kg

