

TECHNICAL SPECIFICATION TGGF Cable



Italian Conductors, Wires & Cables

CABLE DESCRIPTION

Conductor: solid bare copper conductor

Insulation: Thermoplastic halogen-free, fire-retardant sheating LSOH compound Type M1

Colour code: see table below

Pair: conductor twisted

Assembly: pairs with polyester tape, drain wire tinned copper 0.40mm and aluminium/polyester tape

Sheath: Thermoplastic halogen-free, fire-retardant sheating LSOH compound Green Ral 6011 Type M1

Marking: EUROCAVI TGGF nxsize CPR EN 50575 Class Cca-s1a,d0,a1 ITC015E CE n.week/year "metric numbering"

Temperature range: -5°C up to +70°C

Working voltage: 150/220 V

Test voltage: 1000 V

Standards:

CPR 305/2011

EN 50575:2014 +A1:2016 Class Cca-s1a,d0,a1

DIMENSIONAL CHARACTERISTICS

Number of conductor	Diameter of wire (mm)	Insulation thickness (mm)	Diameter of conductors (mm)	Outer diameter (mm)	Insulation sheath (mm)	Cu weight (kg/km)	Approx Cable weight (kg/km)
2	0.80	0.40	1.60±0.05	5.10±0.30	0.60	10.74	30.00
4				5.50±0.20	0.70	19.14	46.00
8				8.20±0.30	0.80	40.00	95.00

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COLOUR TABLE

1x2x0.80mm	White, Blue
1x4x0.80mm	White, Blue, Turquoise, Violet
4x2x0.80mm	White/Blue White/Orange White/Green White/Brown

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TECHNICAL DEPT.	Napoli Giuseppe