

GABREAL GAD 43 TP DMX512 4x0,34 FRNC-C

Construction

Conductor	Tinned stranded copper wire, 7x0,25 mm
Insulation	Foam Skin PE, $\varnothing=1,40 \pm 0,05$ mm
Core identification	1) Red – Black, 2) Green - White
Individual screening	2 cores twisted to pair, each pair screened with aluminium foil (al side up)
Lay-Up	Individual screened pairs stranded together with 7x0,20 mm tinned copper wire
Braiding	Tinned copper wire braiding (Coverage %85)
Tape	Covered with non-woven tape after the braid
Sheath	LSZH compound (flex)
Sheath color	Black

Marking

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Technical data

Capacitance (core-core)	64,0 pF/m
Capacitance (core-screen)	112,0 pF/m
Impedance	120 Ω
Test voltage	
core/core	500 V
core/screen	1000 V
Temperature range	
Flexible	-5°C to +50°C
Fixed	-30°C to +70°C
Min. bending radius	10 x outer diameter

Properties

Flame retardant acc. to IEC 60332-1, 60332-3-24
Halogen free acc. to IEC 60754-1
Smoke density acc. to IEC 61034

Technical and dimension table

No of cores and cross sectio	Outer dimension	Conductor resistance at 20 °C	Insulation resistance	Cable weight	Copper weight
N x 2 x mm ²	Nom. (mm)	Max. (Ω /km)	Nom. (M Ω x km)	Nom. (kg/km)	Nom. (kg/km)
4 x 0,34	7,0 $\pm$ 0,25	53,0	2000	70	28,40

*The values can have small deviations