

GABREAL GAP SS 4x0,15 PVC

Construction

Conductor	Stranded tinned copper according to EN 60228 Class 6 (18x0,10 mm)
Insulation	Polyethylene (PE) Ø1,10 ± 0,05 mm
Core identification	White, Blue/orange, White/green, Blue
Lay-up	4 cores twisted to a star quad
Wrapping	Non-woven tape
Braiding	Tinned copper wire spiral shield Ø0,10 mm, coverage >95%
Outer Jacket	PVC compound
Color	RAL 9005 Black

Marking	GABREAL GAP SS 4x0,15 PVC LOT CE 0001 m
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Technical data

Shield resistance	31 Ω/km
Capacitance	
cond./cond. ¹	150 pF/m
cond./shield ¹	200 pF/m
cond./cond. ²	57 pF/m
cond./shield ²	110 pF/m
Characteristic impedance ¹	40 Ω
Characteristic impedance ²	110 Ω
Temperature range	-20°C to +70°C
Min. Bending radius	6 x cable diameter

¹ quad connection: two diagonally opposite conductors are attached to one conductor

² each pair from two diagonally opposite conductors forms one transmission path

Characteristic

Flame retardant	IEC 60332-1
CE, RoHS compliant	Yes

Specification

No of cores and cross section	Copper weight	Cable weight	Conductor resistance at 20 °C	Insulation resistance	Cable Diameter
N x mm²	Nom. (kg/km)	Nom. (kg/km)	Max. (Ω/km)	Min. (MΩ x km)	Tol. ± 0,3 (mm)
4 x 0,15	13,2	50	138	5000	5,50