

GABREAL GAP 42 SQ BS 4x0,22 PVC (SQ422Y PVC)

Construction

Conductor	Stranded tinned copper according to EN 60228 Class 6 (28x0,10 mm)
Insulation	Polyethylene (PE) Ø1,30 ± 0,05 mm
Core identification	Green, Black, Red, Blue
Lay-up	4 cores twisted to a star quad
Wrapping	Non-woven tape
Drain wire	Tinned copper wire under braid, 0,22mm² (7x0,20 mm)
Braiding	Tinned copper braid shield Ø0,10 mm, coverage >90%
Outer Jacket	PVC compound
Color	RAL 9005 Black

Marking	GABREAL GAP 42 SQ BS 4x0.22 PVC LOT CE 0001 m
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Technical data

Shield resistance	17 Ω/km
Capacitance	
cond./cond. ¹	125 pF/m
cond./shield ¹	180 pF/m
cond./cond. ²	50 pF/m
cond./shield ²	100 pF/m
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 0,22	25,7	61	90	5000	6,50