

GABREAL DM AWG23/1 SF/F 4P_8P_12P

Construction

Shielded Pair

Conductor	Solid bare copper 23AWG, 1/0,56 mm
Insulation	Foam Skin PE, $\varnothing 1,40 \pm 0,05$ mm
Pair	2 cores twisted to a pair (White/Blue)
Individual Screen	0,40 mm tinned copper drain wire + Aluminum foil (AL inside)
Sheath, color	$\varnothing 3,60 \pm 0,10$ mm, Halogen Free, flame retardant copolymer, flex (loose tube) RAL 7001 Grey (numbered)

Core

Assembly	Multiple pair counts layed up with filler where needed
Screening	ALPET (AL outside) +Tinned copper wire braid (Coverage %80)

Outer Jacket

	Halogen Free, flame retardant copolymer, flex (Loose tube)
Color	RAL 7001 Grey

Sheath Marking

GABREAL	DM AWG23/1 SF/F 4P	AUDIO	DIGITAL	AES/EBU	MULTIPAIR	4X2	SSTP	23AWG (0.56mm)	FRNC-C
GABREAL	DM AWG23/1 SF/F 8P	AUDIO	DIGITAL	AES/EBU	MULTIPAIR	8X2	SSTP	23AWG (0.56mm)	FRNC-C
GABREAL	DM AWG23/1 SF/F 12P	AUDIO	DIGITAL	AES/EBU	MULTIPAIR	12X2	SSTP	23AWG (0.56mm)	FRNC-C

Technical data

Characteristic impedance	110 $\Omega \pm \%10$
Capacitance (Conductor/Conductor)	45 pF/m
Conductor resistance (loop)	max. 165 Ω /km
Insulation resistance	min. 2000 M Ω .km
Temperature range	-30°C to +70°C
Min. bending radius	with load 15 x outer diameter without load 10 x outer diameter

Characteristic

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

Specification

Cross section N x 2 x mm ²	Part Number	No, of Pairs	Overall Diameter $\pm 10\%$ (mm)	Cable Weight Nom. (kg/km)
4P	390212-011-2304P	4	11,20	140
8P	390212-011-2308P	8	15,40	270
12P	390212-011-2312P	12	18,60	380