

## DM AWG26 SF-F FRNC-C

### Construction

Conductor	Stranded bare copper wire 0,14 mm <sup>2</sup> (AWG 26/7) 7x0,16 mm
Insulation	Foamed Skin PE
Diameter	Ø1,20 ± 0,02 mm
Core identification	White, Blue
Primary Lay-Up	Two cores twisted a form of a pair
Individual screen	Tinned copper drain wire + Aluminum foil (AL inside)
Sheath (individual)	HFFR compound, (loose tube)
Sheath (individual) diam.	Ø3,0 ± 0,05 mm
Sheath (individual) color	Grey RAL 7001 (Numbered)
Secondary Lay-Up	Sheathed cables stranded together around central filler if necessary
Screening	ALPET (AL outside) + Tinned copper wire braiding (coverage 75%)
Sheath	HFFR compound, (loose tube)
Sheath color	Grey RAL 7001

### Marking

To be defined

### Electrical properties (at 20 ° C, unless otherwise stated)

DC loop resistance	max. 288 Ω/km
Insulation resistance	min. 2000 MΩ.km
Capacitance	nom. 45 nF/km
Impedance	110 Ω ± 10%

### Mechanical and thermal properties

Temperature range	-30°C to +70°C
Min. bending radius	
When laying	15 (xD)
When installed	10 (xD)

### Other properties

Flame retardant	IEC 60332-1-2, IEC 60332-3-24 Cat.C
Acidic (Corrosive) gas test	IEC 60754-1/2
Smoke density	IEC 61034
CE, RoHS compliant	Yes

### Dimension table

Number of cores x cross section N x 2 x AWG	Cable diameter Approx. (mm)	Cable weight Approx. kg/km
6 x 2 x 26	11,70 ± 10%	160
8 x 2 x 26	13,20 ± 10%	200