

G34PFFxx

100 Ω Cable - F/FTP 4 pairs - Grade 3 - 900MHz - LSZH



Conductor:
Copper annealed single strand AWG23/1

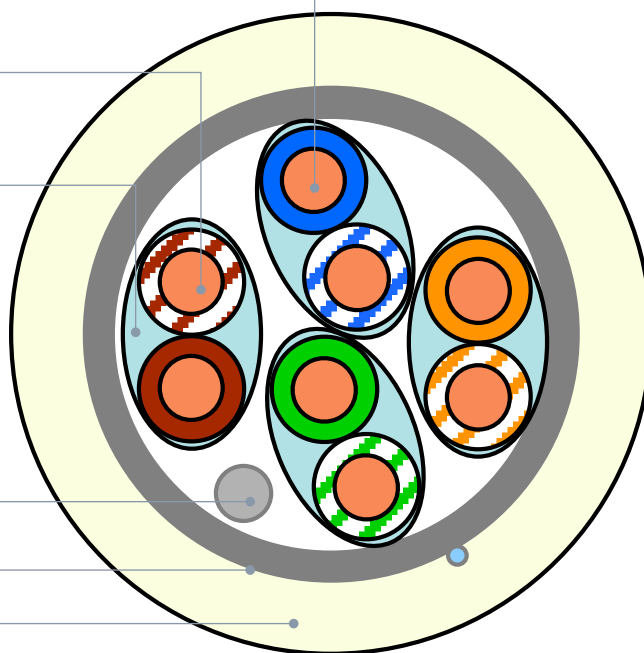
Insulator:
PE Skin-Foam-Skin

Central element:
Aluminum/Polyester Strapping

Mass drain:
Tinned single-strand copper

Armour:
Aluminum/Polyester Strapping

Outer sheath:
LSZH - White color RAL 9003
 $\varnothing$ ext 7.4 mm



PRODUCT INFORMATION

APPLICATION

4 pairs of cables AWG 23, 100 Ω
Grade 3 compliant with standard UTE C 93-531-14 GRADE 3.

FEATURES



Fire resistance:
IEC 60332-1 / NF C32-070 C2



LSZH :
IEC 61034 / IEC 60754-1 & -2



Temperature holding:
- 20° C / + 70° C



Minimum radius of curvature:
8 x cable diameter



In compliance with the RoHS directive.

ELECTRICAL PROPERTIES

Linear electrical resistance: $\leq 95 \Omega / \text{Km}$
Mutual capacity: 45 pF / m
Characteristic impedance: 100 Ω
Propagation speed: 79 %

TRANSMISSION PERFORMANCES @20°C

Frequency	1 MHz	4 MHz	10 MHz	16 MHz	20 MHz	31,25 MHz	62,5 MHz	100 MHz	200 MHz	300 MHz	600 MHz	900 MHz
Insertion Loss max (dB/100m)	2.0	3,6	5,7	7,2	8,1	10,1	14,5	18,5	26,8	33.4	49	62
NEXT mini (dB)	75	75	75	75	75	75	72	69	65	62	58	55
Return Loss mini (dB)					20	19	17,5	16,5	15	14,1	12,6	11,7