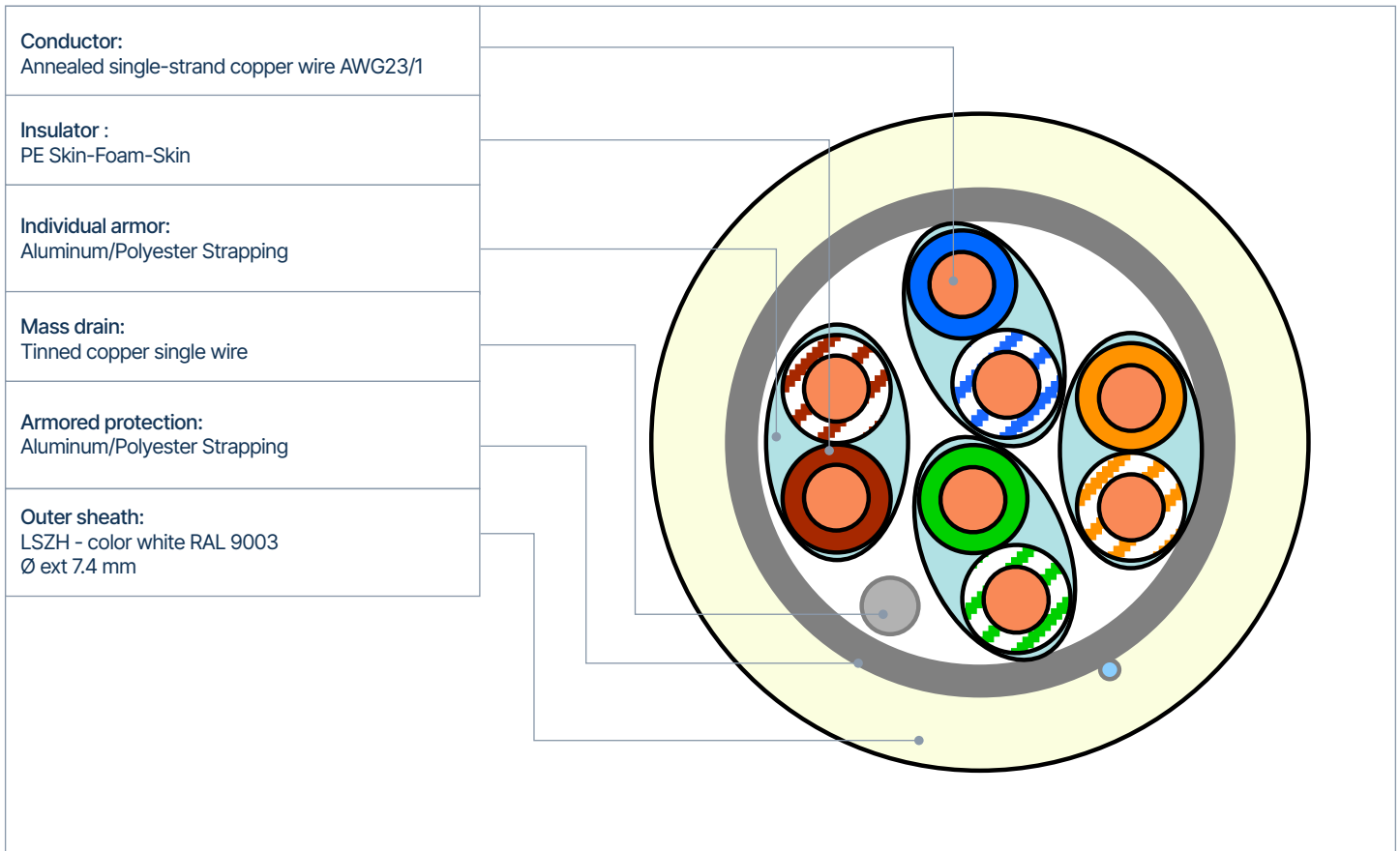


G34PFFSATxx

100 Ω Cable - F/FTP 4 pairs - Grade 3 Satellite - 2150MHz - LSZH



FT 2 28/04/2016 EN

PRODUCT INFORMATION

APPLICATION

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

ELECTRICAL PROPERTIES

Linear electrical resistance:	≤ 95 Ω / Km
Mutual capacitance	45 pF / m
Characteristic impedance:	100 Ω
Propagation speed:	79 %

FEATURES

	Fire resistance: IEC 60332-1 / NF C32-070 C2		Temperature holding: - 20° C / + 70°C
	LSZH : IEC 61034 / IEC 60754-1 & -2		Minimum radius of curvature: 8 x cable diameter
	Compliant with the RoHS Directive		

TRANSMISSION PERFORMANCES @20°C								
	1 MHz	4 MHz	10 MHz	16 MHz	20 MHz	31,25 MHz	62,5 MHz	100 MHz
Insertion Loss max (dB/100m)	NA	3,7	5,8	7,3	8,2	10,3	14,6	18,5
NEXT UP/UP min (dB)**	75	75	75	75	75	75	72,1	69
NEXT SP/UP min (dB)**	75	75	75	75	75	75	75	75
FEXT UP/UPmin (dB)**	75	75	74	70	68	64	58	54
FEXT SP/UP min (dB)**	75	75	75	75	75	74,1	68,1	64
Return Loss min (dB)	NA	NA	NA	NA	20	19	17,5	16,5

	200 MHz	250 MHz	300 MHz	600 MHz	900 MHz	1200 MHz	1500 MHz	2150 MHz
Insertion Loss max (dB/100m)	26,5	29,7	32,7	47,1	58,5	68,4	77,2	94,2
NEXT UP/UP min (dB)**	64,5	63	61,8	57,3	54,7	NA	NA	NA
NEXT SP/UP min (dB)**	74,5	73	71,8	67,3	64,7	NA	NA	NA
FEXT UP/UPmin (dB)**	48	46	44,5	38,4	34,9	NA	NA	NA
FEXT SP/UP min (dB)**	58	56	54,5	48,4	44,9	NA	NA	NA
Return Loss min (dB)	15	14,5	14,1	12,6	11,7	12,6	11,9	10,8

NA: Not Applicable