



COLOUR:
BLUE-WHITE/BLUE
ORANGE-WHITE/ORANGE
GREEN-WHITE/GREEN
BROWN-WHITE/BROWN



grey
95694 100m
95695 305m



white
94965 100m
94220 305m

CABLE DESCRIPTION

1-CONDUCTOR	PARAMETER	UNIT	VALUE
TYPE:SOLID-Copper clad aluminum wire DIAMETER:0.56±0.005mm AWG:23/1 2-INSULATION TYPE:PE solid DIAMETER:1.0mm±0.01mm 3-RIP CORD YES 4-OUTER JACKET TYPE:PVC COLOUR:GREY THICKNES:0.6mm EXTERNAL DIAMETER:5.8mm±0.2mm PASS 70m FLUKE TEST	Max.linear tesistance.	Ω /km	≤130
	Mutual capacity(nom.)	pF/m	50
	Unbalance capacity max	pF/km	1600
	Characteristic impedance (1 at 100 MHz)	Ω	100±15
	VELOCITY OF PROPAGATION (f>1MHz)	%of c	66
Marking			
CAT6 SOLID PATCH CORD EIA/TIA 568 4x2AWG 23/1 U/UTP UNSHIELDED Reaction to fire: Eca; EN 50575:2014+A1: 2016			

ELECTRICAL CHARACTERISTICS

Frequency	(MHz)	Return loss(dB)	Attenuatin (dB/100m)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
1				65,3	62,3	63,8	60,8
4				56,3	53,3	51,8	48,8
10				50,3	47,3	43,8	40,8
16				47,2	44,2	39,7	36,7
20				45,8	42,0	37,8	34,8
25				44,3	41,3	35,8	32,8
31,25				42,9	39,9	33,9	30,9
62,5				38,4	35,4	27,9	24,9
100				35,3	32,3	23,8	20,8

OTHER CHARACTERISTICS

MINIMUM BENDING RADIUS:10×Diameter
PACKING:100m/ROLL, 305M/BOX



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