

1-CONDUCTOR TYPE:SOLID-Copper clad aluminum wire DIAMETER:0.56±0.005mm 2-INSULATION TYPE:PE solid DIAMETER:1.0mm±0.01mm 3-PET 4-RIP CORD YES 5-OUTER JACKET TYPE:PE COLOUR:BLACK THICKNES:0.6mm EXTERNAL DIAMETER:5.8mm±0.2mm PASS 70m FLUKE TEST	AWG:23/1	<table><thead><tr><th>PARAMETER</th><th>UNIT</th><th>VALUE</th></tr></thead><tbody><tr><td>Max.linear tesistance.</td><td>Ω /km</td><td>≤130</td></tr><tr><td>Mutual capacity(nom.)</td><td>pF/m</td><td>50</td></tr><tr><td>Unbalance capacity max</td><td>pF/km</td><td>1600</td></tr><tr><td>Characteristic impedance (1 at 100 MHz)</td><td>Ω</td><td>100±15</td></tr><tr><td>VELOCITY OF PROPAGATION (f> 1MHz)</td><td>%of c</td><td>66</td></tr><tr><td colspan="3">Marking</td></tr><tr><td colspan="3">Outdoor CAT6 SOLID PATCH CORD EIA/TIA 568 4x2xAWG 23/1 U/UTP UNSHIELDED Reaction to fire: Eca; EN 50575:2014+A1: 2016</td></tr></tbody></table>	PARAMETER	UNIT	VALUE	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			Outdoor CAT6 SOLID PATCH CORD EIA/TIA 568 4x2xAWG 23/1 U/UTP UNSHIELDED Reaction to fire: Eca; EN 50575:2014+A1: 2016		
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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			Wentronic GmbH Pillmannstraße 12 38112 Braunschweig
		Prepared by: NW	2019/12/16 Page1of1