

Item	H0095/E/W
Description	U-UTP 5E 4x2xAWG24/1 LSZH GREEN Eca
Application	Unshielded twisted pair cable for Cat. 5E networks (up to 100 MHz). Suitable for installations where is required a LSZH jacket (low smoke and no toxic gases emission during combustion).



H0095/E - PROSPECTA U-UTP 4x2xAWG24/1 CAT 5E LSZH - ANSI/TIA/EIA 568 ISO/IEC 11801 C-4 (U0=400 V) Eca (*) (Metering) mt

Color Black Marking (*) = Lot of Production

Construction

Cores / Section		nr x mmq	4x2xAWG24/1
Conductor	Material		Bare Copper (BC)
	Type		Solid
	Construction	n x mm	1 x 0,51
Insulation	Material		Polyethylene (PE)
	Pairs Color		Brown - White/Brown Blue - White/Blue Green - White/Green Orange - White/Orange
Taping	Diameter	mm	1,05 ± 0,05
Jacket	Material		Twisted pairs stranded together
	Color		Halogen-free LSZH M1
	Diameter	mm	Green RAL 6018 5,00 ± 0,10

Weight kg / km 29,5

Technical Data

Conductor Loop Resistance		Ohm/km	178
Mutual Capacity C1		pF/m	49
Velocity Ratio		%	69
Voltage Rating U ₀ /U		Volt	500
Test Voltage		Volt (Ac)	1200
Insulation Resistance		MOhm / km	> 20
Temperature Range	Fixed Installation	°C	- 15 / + 70
Minimum Bending Radius	Fixed Installation		10 x Diameter
Frequency	MHz	0,7 1,0 4,0 10,0 16,0 20,0 31,3 62,5 100,0	
Attenuation	dB / 100 mt	1,8 2,1 4,3 6,6 8,2 9,2 11,8 17,1 22,0	
NEXT	min. dB	75,0 63,3 52,5 43,9 39,0 36,5 31,3 22,2 14,1	

Standards

Fire Behaviour (according to EN 50575) Euroclass Eca
DOP Nr. H0095/E

Product Manager
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