


Product Name				Edition / date			
Multipair Category 3 25 PAIR				18/9/02			
Physical Characteristics							
Conductor		24 AWG solid copper wire					
Insulation		Polyethylene					
Wrapping tape between each layer							
Outer Cable Diameter (mm)		15.5					
Nominal Cable Weight (kg/ km)		375					
Environmental Characteristics							
Temperature Rating - Operation		-20 to 60 C		Fire behaviour		IEC 332-1	
Temperature rating - Installation		0 to 50 C		Fire Load (Mj/ km)			
Installation Characteristics							
Max.pulling strength		Min.Bend Radius - Operation (mm)		Min Bend Radius - Installation (mm)			
95 kg		4 x OD		8 x OD			
Insulation colour/pair within 10pairs unit				Unit identification (IEC 708)			
Pair 1	blue/ white	Pair 6	blue/ red	Unit 1	blue	Unit 6	white
Pair 2	orange/ white	Pair 7	orange/ red	Unit 2	orange	Unit 7	red
Pair 3	green/ white	Pair 8	green/ red	Unit 3	green	Unit 8	black
Pair 4	brown/ white	Pair 9	brown/ red	Unit 4	brown	Unit 9	yellow
Pair 5	grey/ white	Pair 10	grey/ red	Unit 5	grey	Unit 10	violet
Other Characteristics							
Mutual Capacitance (nF/ km) max		50					
DC Resistance (Ohm/ km) max		192					
Transfer Impedance max @ 10 MHz		100mOhm/ m					
Characteristic Impedance (Ohm)		100 +/- 15					
Specification		Specific Data			Cross section		
Specs		Category 3 according to ISO/ IEC 1801 and TIA/ EIA 568A					
Wrapping +screen		Plastic tape around the cable core					
		Global screen and drain wire					
Ripcord		located under the outer jacket					
Electrical Performance							
Frequency MHz	Attn max. dB/ km	Attn typ. dB/ km	NEXT min. dB	NEXT typ. dB			
1	26	22	41	47			
4	56	43	32	38			
10	98	68	26	32			
16	131	86	23	29			
Ordering Codes							
PN		No.Pair	Sheath	Colour	Packaging		
N/A		25	PVC	Grey	500m reel		

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