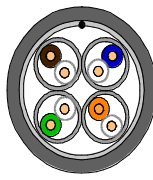


Product Name				Edition / Date			
STP 600 4 Pair, 2 x 4 Pair 600 MHz Category 7 Horizontal Cabl				29/03/2001			
Physical Characteristics							
		4 Pair LSZH	2 x 4 Pair LSZH		4 Pair LSZH	2x4 Pair LSZH	
Conductor Diameter (mm)	0.56	0.56	Cable Diameter (mm)	7.8	7.8x16.8		
Insulation Diameter (mm)	1.45	1.45	Nominal Cable Weigth (Kg/Km)	61	122		
Environmental Characteristics							
				4 Pair LSZH	2x4 Pair LSZH		
Temp. rating - Operation	-20 to +70°C		Fire Behaviour IEC 332.1	yes	yes		
Temp. rating -Installation	-5 to +70°C		Fire Load (Mj/Km)	700	1400		
Installation Characteristics							
Max.Instal.Tension (N)(4Pair/2x4Pa	Min Ben Radius - Operation (mm)		Min Ben Radius - Installation (mm)				
210/420	31		62				
Colour Code / Pairs							
Pair 1	Pair 2		Pair 3		Pair 4		
White/Blue	White/Orange		White/Green		White/Brown		
Other Characteristics							
Mutual Capacitance	45 nF/Km		Velocity of Propagation (%)		78		
DC Resistance	80 Ohm/Km		Transfer Imped at 10 MHz (m Ohm		5		
Skew	0.05 ns/m		Coupling Attenuation at 30 MHz (d		80		
Propagation Delay (ns/100m)	430		Characteristic Impedance (Ohm)		100±15 / Typical ±10		
Specification		Specific Data			Cross section		
International ISO/IEC 11801							
European EN 50173, EN 50167, EN 5							
American TIA/EIA 568A							
German DIN 443 12-5							
Electrical Performance							
frequency MHz	Att. Std	Att. Typical	NEXT Std	NEXT Typical	ACR Std	ACR Typical	
1	2.0	1.9	80	90	78	88	x
4	3.8	3.6	80	90	76	86	x
10	6.0	5.6	80	90	74	84	x
16	7.6	7.2	80	90	72	83	x
20	8.5	8.0	80	90	71	82	x
31.25	10.6	10.1	80	90	69	79	x
62.5	15.0	14.3	75.3	90	60	76	x
100	19.0	18.2	71.1	85	52	67	x
155	25.0	24.3	67.3	80	42	56	x
200	-	26.2	-	80	-	54	x
250	33.0	32.4	63.7	75	30	43	x
350	-	35.3	-	75	-	40	x
600	50.0	47.0	60	70	10	23	x
Ordering Codes							
old ACS PN	new NCS PN	Fumay PN	N°Pair	Sheath	Colour	Packaging	
ACS-100.355	N-100.355	399 4501 BO5	4	LSZH	Orange	500 m reel	
ACS-100.351	N-100.351	399 4501 BO6	4	LSZH	Orange	1000 m reel	
ACS-100.353	N-100.353	399 4502 BO5	2 x 4	LSZH	Orange	500 m reel	

Paris
72, Avenue de la Liberté
92723 Nanterre CEDEX
France
Tel +33 (0) 1 55 51 59 52
Fax +33(0) 1 55 51 52 80

Brussels
Alsembergsesteenweg 2, b3
1501 Buizingen
Belgium
Tel +32(0) 2 363 38 00
Fax +32(0) 2 3658 09 99

London
Felixstowe Road, Abbey Wood
London SE2 9AA
United Kingdom
Tel +44(0) 208 557 3456
Fax +44(0) 208 557 535

