

# CAT6 FTP STRANDED SHIELDED CABLE ROLL

## DESCRIPTION

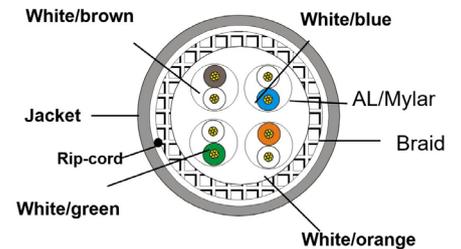
DYNAMIX Cat6 FTP Stranded Shielded ideal for voice, data, video and security communications medium for your network installation where EMI/RFI interference may be a concern.

Four individually shielded twisted pairs with foam insulation, aluminum/Mylar; foil tape, and an overall tinned copper braid.

Standard compliances: All Proposed Cat6 requirements as per ANSI/TIA/EIA, ISO/IEC, and CENELEC EN Standards: ANSI/TIA/EIA 568-B.2-1 CAT.6 2nd Edition ISO/IEC 11801 Class E CENELEC EN 50173-1 IEC 61156-6, CENELEC EN 50288-5-2 for Patch Cable Flame Retardancy is verified according to IEC 60332-1-2. We implemented RoHS compliance for the requirement of European Union issued Directive 2002/95/EC.

## FEATURES

- High-Performance Data Communications Cable For Noisy Environments
- 4-pair, Easily Identified Colour-Striped Pairs
- Make your own patch cables
- 1000BASE-T Gigabit Ethernet
- 10BASE-T, 100BASE-T Fast Ethernet (IEEE 802.3)
- 250MHz Broadband Video
- 100 VG – AnyLAN (IEEE802.12), 155/622 Mbps ATM
- Voice, T1, ISDN



PRODUCT CODE	DESCRIPTION	COLOUR
C-STPC6-STR	305m Cat6 FTP Stranded Shielded Cable Roll, 250MHz, 26AWGx4P, White LSZH Jacket	White

## SPECIFICATIONS

Sheath Printing	TBD			
Category	PATCH S/FTP-CAT6-4P-LSZH-TC40			
Reference Standard	ISO/IEC11801, TIA/EIA-568-C.2			
Conductor	Material	Stranded-Bare Copper		
	Dimension (mm)	26AWG (7/0.16)		
Insulation	Material	Skin-foam-skin PE		
	Diameter	1.00±0.05mm		
Inner Screening Material	AL/Mylar	Drain wire	No	
Outer Screening Material	Tinned copper 0.10mm	Coverage	≥40%	
Sheath	Thickness	0.55±0.05mm		
	External O.D. (Avg)	6.1±0.3mm		
	Surface	Clean		
	Material	LSZH (complies RoHS)		
	Colour	TBD		
Surface Printing	Letter height	3.0±0.3mm		
	Colour	Black		
	Print error & Space	≤±0.5% 1m		
Core Color	1 White/Blue	2 White/Orange	3 White/Green	4 White/Brown
Packing	—			
Rip-cord Sheath Physical Properties	Yes			
	Before Aging Tensile Strength (Mpa) ≥10.0			
	Elongation (%) ≥125			
	Aging Period (°C×hrs) 100°C×24h×7d			
	After Aging Tensile Strength (Mpa) ≥8.0			
	Elongation (%) ≥100			
Cold bend (-20±2°C ×4h) 8×Cable O.D. No visible cracks				
Electrical Characteristics (20°C)	1.0-250.0MHz Impedance (Ω) 100±15			
	1.0-250.0MHz Delay Skew (ns/100m) ≤45			
	Unbalanced-to-ground capacitance (pf/100m) Max 330			
	DC Resistance (Ω/100m) Max 14.8			
	DC Conductor Resistance Unbalance (%) Max 5.0			

## ALSO AVAILABLE:

### FP-C6S-011



DYNAMIX Cat6 Shielded Keystone Jack Termination 110/Krone

### FP-C6-180BK



DYNAMIX Cat6 180 Unshielded Keystone Jack, Dual IDC

### IPR-C6J



DYNAMIX IP67 Rated Cat6 Shielded Keystone Jack With Dust Cap

### CT-RAP180V3



DYNAMIX Termination Tool for FP-C6-180XX and FP-C6A-180XX Keystone Jack Series

Please note we took the up-most care to compile the information in this datasheet. To the best of our knowledge all info provided were correct at the time of creation. Should any specs change we try to update info accordingly. Information are subject to change without notice. In the case that you find any irregularity please inform our team at [contactus@dynamix.co.nz](mailto:contactus@dynamix.co.nz)

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