



Spectra[®] CABLES

ITEM		CAT 5e 0.50BC FTP Cable	
No. of Cord.		4 Pair	Color cord
Conductor	Material	bare copper Solid	1.Blue-White/Blue
	Construction	24AWG; 1 / 0.50 ± 0.008 mm	2.Orange-White/Orange
Insulation	Material	Polyethylene	3.Green-White/Green
	Thickness	0.24±0.02 mm	4.Brown-White/Brown
	Diameter	0.98 ± 0.05 mm	
Inner Layer	Direction	S	
	Pitch REF	30mm underneath	
Outside Layer	Direction	S	
	Pitch REF	100 ± 5mm	
Shielding1	Material	Aluminum Mylar Spirally Wrapped	
	Coverage	100% coverage with 25% overlapping	
Drain wire	Material	Aluminum Magnesium metal 铝镁丝	
	Construction	1 / 0.40 ± 0.008 mm or 7/0.12± 0.008 mm	
Shielding2	Material	Mylar Spirally Wrapped	
	Coverage)	100% coverage with 25% overlapping	
Rip cord	Material	Nylon	
Jacket	Material	PVC	
	Thickness	0.50 mm(Min. Thichness: 0.45mm)	
	Diameter	5.8 ± 0.20 mm	
	Color	Optional	
Marking	Optional		

ELECTRICAL PROPERTIES

ITEM			
Conductor Resistance		Max. 93.8 ohms/km at 20°C	
Insulation Resistance		Min. 5000 mega ohms-km at 20°C	
Dielectric Test		1000V DC /1 min ; No Breakdown	
Temperature Rating		60°C	
Voltage Rating		30V	
DRWN.		SPEC NO:	Construction: 24AWG×4P+M+D+AM
CHKD.			Customer:
APPD.		DATE: 2011.09.01	