



CAB-FTP60-OUT

- **Application:** External Installation
- **Reference Standard:** 444,EIA/TIA568 & ISO/IEC 11801



Construction			Performance				
Conductor	Solid Bare Copper		Electrical Characteristics:				
AWG	23		Frequen	Return Loss	Attenuation	NEXT	
Conductor Dia. (±0.05 mm)	0.57		(MHz)	(Min dB)	Max	(Min)	
Insulation	PE		1	20.0	2.0	74.3	
Average Thickness (mm)	0.255		4	23.0	3.8	65.3	
Min. Point Thickness (mm)	0.235		8	24.5	5.3	60.8	
Insulation Dia. (±0.01 mm)	1.08		16	25.0	7.6	56.2	
Twisted Pair Dia. (±0.02 mm)	2.16		20	25.0	8.5	54.8	
Filler	PE		62.5	21.5	15.4	47.4	
PE-Tape (mm)	Yes		100	20.1	19.8	44.3	
Drain wire (Solid Tinned Copper)	0.40		200	18.0	29.0	39.8	
Dia. (±0.003 mm)			250	17.3	32.8	38.3	
Al Foil Shield mm)	Yes		350	16.3	39.8	36.1	
			400	15.9	43.0	35.3	
			550	14.9	51.8	33.2	
Assembly Dia. (±0.2 mm)	6.2		Frequen	PSNEXT	ELFEXT	PSELFEXT	Max
			(MHz)	Min (dB)	Min (dB/100m)	Min (dB/100m)	(ns/100m)
Jacket	LLDPE		1	72.3	67.8	64.8	570.0
Average Thickness (mm)	0.60		4	63.3	55.8	52.7	552.0
Min. Point Thickness (mm)	0.55		8	58.8	49.7	46.7	546.0
Outer Dia. (±0.1 mm)	7.30		16	54.3	43.7	40.7	543.0
Rip Cord	Nylon		20	52.8	41.7	38.7	542.0
			62.5	45.4	31.9	28.8	538.0
			100	42.3	27.8	24.8	537.0
			200	37.8	21.8	18.7	536.0
			250	36.3	19.8	16.8	536.0
			350	34.1	16.9	13.9	535.9
			400	33.3	15.8	12.8	535.8
			550	31.2	15.5	10.0	535.6
Color			Mechanical Characteristics				
Insulation colors are:			Test Object		Jacket		
Blue, White/Blue			Test Material		PE		
Orange, White/Orange			Before Tensile Strenght (Mpa)		T=13.8		
Gree, White/Green			Aging Elongation (%)		>=100		
Brown, White/Brown			Aging Condition (°Cxhrs)		100x168		
Jacket Colors			After Tensile Strenght (Mpa)		>=85% of unaged		
Per request: BLACK			Aging Elongation (%)		>=50% of unaged		
			Cold Bend (-20± 2° Cx4hrs)		No crack		