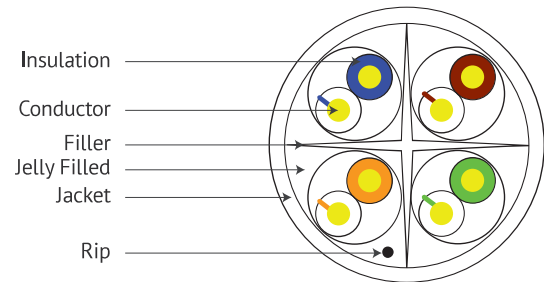


Description

- Rated temperature of 75°C
- Product Standard Certification: UL file E222804
- Flammability Tested

Applications

- Horizontal Wiring in LAN
- IEEE 802.3: 10/100/1000 Base-T
- IEEE 802.5 16MB
- Power Over Ethernet PoE/PoE+
- IEEE 802.3af and IEEE 802.3at



Standards

- ANSI / TIA 568-C.2
- ISO / IEC 11801 2nd Ed
- IEC 61156-5 2nd Ed
- EN 50173; EN 50288-3-1:2013

Physical Characteristics

Conductor	Solid Bare Copper
AWG	23
Conductor Diameter	0.57 (± 0.0005mm)
Insulation	PE
Filter	PE
Jelly-filled	Yes
Jacket	PE
Thickness	0.55 (± 0.05mm)
Outer Diameter	6.3 (± 0.05mm)
Rip Cord	Per request

Performance

Frequency (MHz)	Return Loss (dB)	Attenuation (dB/100m)	NEXT (dB)	ACR (dB)
1.00	20.00	1.84	74.30	
4.00	23.01	3.69	65.27	
8.00	24.52	5.26	60.75	
10.00	25.00	5.89	59.30	
16.00	25.00	7.51	56.24	
20.00	25.00	8.43	54.78	
25.00	24.32	9.47	53.33	
31.25	23.64	10.64	51.88	
62.25	21.54	15.36	47.36	
100.00	20.11	19.78	44.30	
200.00	18.00	28.97	39.78	
250.00	17.32	32.84	38.33	

Frequency (MHz)	PSNEXT (dB)	ELNEXT (dB/100m)	PSELFEXT (dB)	DELAY (dB)
1.00	72.30	68.00	65.00	570.00
4.00	63.27	55.96	52.96	552.00
8.00	58.75	49.94	46.94	546.73
10.00	57.30	48.00	45.00	545.38
16.00	54.24	43.92	40.92	543.00
20.00	52.78	41.98	38.98	542.05
25.00	51.33	40.04	37.04	541.20
31.25	49.88	38.10	35.10	540.44
62.25	45.36	32.08	29.08	538.55
100.00	42.30	28.00	25.00	537.60
200.00	37.78	21.98	18.98	536.50
250.00	36.33	20.04	17.04	536.28