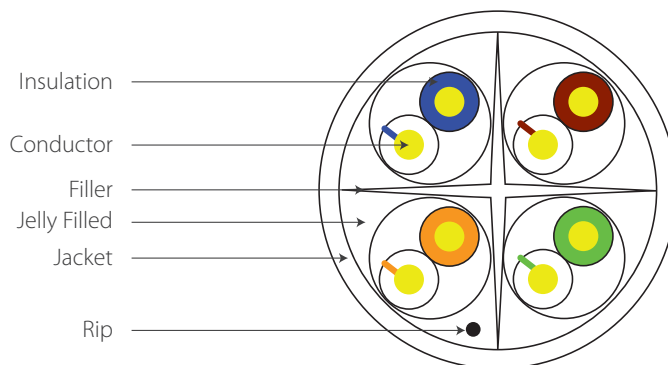


# OD6023J



## Description

- Rated temperature 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 2<sup>nd</sup> Ed
- IEC 61156-5 2<sup>nd</sup> Ed
- EN 50173; EN 50288-3-1:2013

## Physical Characteristics

Conductor	Solid Bare Copper
AWG	23
Conductor Diameter	0.570 (± 0.0005mm)
Insulation	PE
Filter	PE
Jelly-filled	Yes
Jacket	PE
Thickness	0.55 (± 0.05mm)
Outer Diameter	6.3 (± 0.3mm)
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