

ODROK CAT6 DATA CABLE

FEATURES

- 305m (1000') Smart Reel
- UTP 4 Pair High Performance Network Cable
- Bare Solid Copper Conductor
- ACMA/ACA (A-Tick) Approved N1107
- Conforms to Australian Standard AS/ACIF S008:2020,
- RoHS complied PVC

SPECIFICATIONS

Conductor

Material: Solid copper
AWG: 0.565mm ±0.005

Insulation

Material: HDPE
Diameter: 1.035mm ±0.02mm
Colour: Blue,White/Blue –
Orange,White/Orange –
Green,White/Green –
Brown, White/Brown.
Plastic Separator: OD 4.5mm
nominal thickness: 0.45mm

Sheath

Thickness: 0.55mm±0.05
External: O.D. 6.2mm±0.3
Material: PVC Fire Retardent CM Grade
Colour: Blue, Grey, Yellow or Green

Dimensions

Carton Dimensions: 42 x 42 x 21cm
Packing Length: 305m±1.5

Electrical Characteristics (at 20°C)

1-250MHz: 100Ω ±15
1-250MHz Delay Shew ≤45ns/100m
DC Resistance: max 9.38Ω/100m
DC Conductor Resistance Unbalance: max 2.5%



MHz	RL (≥dB)	ATT(≤dB/B/100m)	NEXT (≥dB)	Delay (≤ns)	PSNEXT (≥dB)	ELFEXT (≥dB)	PSELFEXT (≥dB)
1	20.0	1.9	74.0	570.00	72.3	68.0	65.0
4	23.0	3.7	65.0	552.00	63.3	56.0	53.0
8	24.5	5.3	60.7	546.73	58.8	49.9	46.9
10	25.0	5.9	59.0	545.38	57.3	48.0	45.0
16	25.0	7.5	56.0	543.00	54.2	43.9	40.9
20	25.0	8.4	55.0	542.05	52.8	42.0	39.0
25	24.3	9.5	53.3	541.2	51.3	40.0	37.0
31.25	23.6	10.6	52.0	540.44	49.9	38.1	35.1
62.5	21.5	15.4	47.0	538.55	45.4	32.1	29.1
100	20.1	19.8	44.0	537.60	42.3	28.0	25.0
200	18.0	29.0	40.0	536.54	37.8	22.0	19.0
250	17.3	32.8	38.0	536.27	36.3	20.0	17.0