

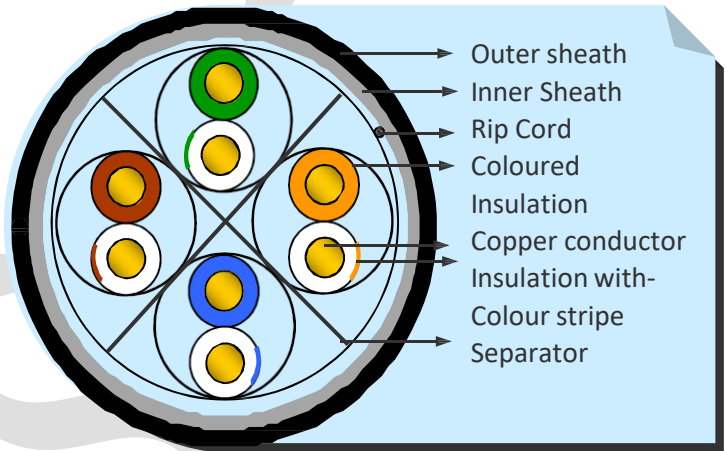
**OUTDOOR 6 4/23 UTP DS CABLE**

**APPLICATION**

Enhanced performance cable for transmission of high speed data, digital and analogue voice and video (RGB) signals on LANs. Supports Gigabit Ethernet (1000 baseT) standard. Operates at bandwidth of 250MHz. This cable well exceeds the requirements of ANSI/TIA-568-C.2 and ISO/IEC 11801

**CONSTRUCTION**

- Conductor : 23 AWG Solid Bare Copper
- Insulation : High Density Polyethylene Solid
- Pairs : 2 Insulated conductors twisted together
- Inner Sheath : PVC
- Cable Diameter : 6.0 ± 0.2 mm
- Outer Sheath : UV Black PE
- Cable Diameter : 7.1 ± 0.3 mm
- Printing : Each meter printed with



**6 UTP PVC/PE Outdoor Cable 4/23 AWG ANSI/TIA-568-C.2 Month/Year XXX M OR as per Customer's Request**

**COLOUR CODE**

PAIR NO	COLOUR
1-2	White-Orange Stripe and Orange
3-6	White-Green Stripe and Green
4-5	White-Blue Stripe and Blue
7-8	White-Brown Stripe and Brown

**ELECTRICAL PROPERTIES**

- Conductor Resistance : ≤ 9.38 /100m
- Mutual Capacitance : < 5.6nF/100m
- Resistance Unbalance : 5% Max
- Capacitance Unbalance : 330pF/100m
- Delay Skew : < 45nS



SCAN QR CODE

**TRANSMISSION CHARACTERISTICS 85M PERMANENT LINK**

Frequency (MHz)	Insertion Loss Max.(dB)	NEXT (dB) Min.	RL (dB) Min.	PS NEXT (dB) Min.	ACR-F (dB) Min.	PS ACR-F (dB) Min.
1	1.9	65	19.1	62	64.2	61.2
4	3.5	64.1	21	61.8	52.1	49.1
8	5	59.4	21	57	46.1	43.1
10	5.5	57.8	21	55.5	44.2	41.2
16	7	54.6	20	52.2	40.1	37.1
20	7.9	53.1	19.5	50.7	38.2	35.2
25	8.9	51.5	19	49.1	36.2	33.2
31.25	10	50	18.5	47.5	34.3	31.3
62.5	14.4	45.1	16	42.7	28.3	25.3
100	18.6	41.8	14	39.3	24.2	21.2
200	27.4	36.9	11	34.3	18.2	15.2
250	31.1	35.3	10	32.7	16.2	13.2

**MECHANICAL PROPERTIES**

Bending Radius : < 8 X Cable Diameter at -20°C ± 1°C  
 Pulling Force : 11.5Kg  
 Temperature Range :  
 Operation : -20° to +70°C  
 Installation : 0° to + 50°C

**CONNECTION SYSTEM**

Compatible with all common systems according to ANSI/TIA-568-C.2 and ISO/IEC 11801

**AVAILABLE CABLE COLOR**

Black or as per Customer Request

**PACKING**

Available in Reels of guaranteed 305m Length  
 OR as per Customer's Request

*All of the above information, including drawings, illustrations and graphic designs, reflects our present understanding and is to the best of our knowledge and belief correct reliable. Users, however, should independently evaluate the suitability of each product for the desired application. Under no circumstances does this constitute an assurance any particular quality or performance. Such an assurance is only provided in the context of our product specifications or explicit contractual arrangements. Our liability for products set forth our standard terms and conditions of sale*



SCAN QR CODE