



**FEATURES**

TIA/EIA-568.2-D;ISO/IEO 11801;NEC/CEC  
Fire protection – IEC60332-1 (CM)  
Cable is used for indoor installation

**CONSTRUCTION**

Conductor: Stranded Bare Copper  
Conductor Dia.:7 x 0.152mm ± 0.08mm (26AWG)  
Pair Insulation:Foamed Polyethylene  
Insulation Nom.Thickness:Avg:0.26mm  
Shielding Tape: AL/Mylar, Overlap rate:≥25%  
Outer Cable Diameter: 6.0 ± 0.2 mm

Pair Identification: Pair1= Blue/White Pair2= Orange/White  
Pair 3= Green/White Pair4= Brown/White  
Outer Jacket:CM PVC  
Insulation Nom.OD:1.02±0.05mm  
Braid: Material: AL-MG; Size: 16\*5/0.12mm±0.008  
Jacket Color:Grey RAL 9002 or as per request

**Marking:**

WELTRON® CAT 6A S/FTP 4PR 26AWG CM PVC 75°C RoHS COMPLIANT (UL) E465248-B VERIFIED TO ANSI/TIA-568.2-D

**TECHNICAL CHARACTERISTICS**

Installation Temperature: 0°C to +50°C  
Operating temperature: -20°C to +75°C  
DC Resistance Unbalance :5%  
Pair-to-Ground Capacitance Unbalance :330 pF/100 m  
Capacitance:14pF/ft nominal

Pulling strength: 130 N  
Minimum bend radius: 4 outer cable diameters  
Dielectric Breakdown:1000 Volts DC Conductor to Conductor  
Velocity of Propagation:PE=65%  
Maximum Skew:45ns@100 meters

**PACKAGING**

305m/1000ft /wooden reel;

**ELECTRICAL CHARACTERISTICS**

Frequency MHz	LOSS dB	NEXT dB	RL dB	ACR-N dB	ACR-F dB	PS NEXT dB	PS ACR-N dB	PS ACR-F dB
1	3.0	65.0	19.0	62.0	63.3	62.0	59.0	60.3
4	4.2	63.0	19.0	58.9	51.2	60.5	56.4	48.2
8	5.8	58.2	19.0	52.4	45.2	55.6	49.8	42.2
10	6.5	56.6	19.0	50.1	43.3	54.0	47.5	40.3
16	8.2	53.2	18.0	45.0	39.2	50.6	42.4	36.2
20	9.2	51.6	17.5	42.5	37.2	49.0	39.8	34.2
25	10.2	50.0	17.0	39.8	35.3	47.3	37.1	32.3
31.25	11.5	48.4	16.5	36.9	33.4	45.7	34.2	30.4
62.5	16.4	43.4	14.0	27.0	27.3	40.6	24.2	24.3
100	20.9	39.9	12.0	19.0	23.3	37.1	16.2	20.3
200	30.1	34.8	9.0	4.7	17.2	31.9	1.8	14.2
250	33.9	33.1	8.0	-0.8	15.3	30.2	-3.7	12.3
350	40.6	30.3	6.6	-10.3	12.4	27.3	-13.3	9.4
450	46.5	27.3	6.0	-19.2	10.2	24.4	-22.1	7.2
500	49.3	26.1	6.0	-23.2	9.3	23.2	-26.1	6.3