

**MULTIMEDIA BUNDLE CABLE WITH 2 RG6 TRISHD & 2 CAT5E 350MHZ.**

**Description**

Description: Bundle Cable with two RG-6 cables and two Cat5E 350MHz. cables.  
 Model: 6T5ECMR Two Tri Shd RG-6 and Two Cat5E 350MHz.  
 Multimedia Bundle Cable.  
 UL Rating: Available in CM, CMG, and CMX.  
 Marking: COMMODITY CABLES 6T5ECMR5Y 2 ENH CAT5 UTP (350MHz)  
 PLUS 2 RG6 TRISHLD 3.0GHZ 8PR24 2C 18 (UL) CM E# XXXFT.

**RG-6 Tri Shd Specifications:**



**Structure Specs**

Center Conductor	18 AWG	1.024mm
	CCS	CCS –Copper Cladding Steel
Dielectric	Foam Polyethylene	Diameter Over Dielectric: 4.57mm
Shield	Foil: Alum	Alum Braid: >=82% Coverage
	Foil: Alum	
Jacket	PVC	Diameter Over Jacket: 7.00+/-0.15mm
Jacket Colors		1- Black & 1- White

**Electrical Spec**

Sparker Test	4000 VAC
Dielectric Strength	Conductor to shield: 3000 VDC
Impedance	75 Ohm
Capacitance	54 pF/m
Velocity of Propagation	82%
DCR	Conductor 32 Ohm/1000'
SRL	20dB Min (5-3000 MHz)
Minimum Bend Radius	Loaded: 20 times cable OD Unloaded: 10 times cable OD
Working Temperature	75°C

**RG-6 Tri Shd Performance**

MHz	dB/100ft
50 MHz	1.41
100 MHz	1.92
200 MHz	2.64
700 MHz	5.06
1000 MHz	6.2
1800 MHz	8.43
2200 MHz	9.35

**Overall Construction**

Assembly (2 RG6/u + 2 CAT5E)	14.3
Average Thickness (mm)	0.50
PVC Jacket	15.5 +/- 0.2mm

**Standard Packaging/Jacket Color**



Wooden Reel  
500'  
Yellow

**Part No.:6T5ECMR5Y**



**Cat5E 350MHz. Specifications:**



**Structure Specs:**

Conductor:	1/ 0.50 mm, 24 AWG Solid Copper
Insulation:	HDPE
Jacket:	PVC
Jacket Colors:	1-Blue & 1-Green

**Electrical Specs:**

DC Loop Resistance:	Max. 30 Ohm / 100m
DC Resistance (Unbalanced):	Max. 2%
Insulation Resistance:	Min. 50 M Ohm / 100m
Capacitance (Unbalanced):	Max. 160 pF / 100m
Velocity of Propagation:	Min. 0.66 C
Propagation Delay:	Max. 5350 ns / km @ 1 - 100 MHz
Delay Skew:	Max. 400 ns / km @ 100 MHz
Mean Impedance:	100 Ohm +/- 10 Ohm @ 1 - 100 MHz
Characteristic Impedance:	100 Ohm +/- 15 Ohm @ 1 - 100 MHz

**Cat 5E 350MHz. Performance**

Frequency MHz	PSACR dB/100m	ELFEXT dB/100m	PSELFEXT dB/100m	RL dB
1	60.2	63.8	60.8	20
4	49.2	51.7	48.7	23
10	40.8	43.8	40.8	25
16	36.1	39.7	36.7	25
20	33.5	37.7	34.7	25
31.25	28.2	33.9	30.9	23.6
62.5	18.4	27.8	24.8	21.5
100	10.3	23.8	20.8	20.1
350		16.0	13.0	16.3

Frequency MHz	Attenuation dB/100m	NEXT dB	PSNEXT dB	ACR dB/100m
1	2	65.3	62.3	66.3
4	4.1	56.3	53.3	52.2
10	6.5	50.3	47.3	45.8
16	8.2	47.3	44.3	41.0
20	9.3	45.8	42.8	38.5
31.25	11.7	42.9	39.9	32.2
62.5	17	38.4	35.4	22.4
100	22	35.3	32.3	13.3
350	44.9	27.2	30.1	10.4

\*All values in this specification are nominal and are subjective to tolerances of +/- 10 to 15%.

It is the sole responsibility of the user to have the most current specification. Specifications are subject to change without notice.