

# PART NUMBER RG6HD-BLK

RG-6/U 75 OHM COAXIAL CABLE; NON-PLENUM: CMR(ETL) OR C(ETL)CMG

■ 0275/0725 FT ● SMARTWIRE HDSOI A B C D E F G 0 1 2 3 4 5 6 7 8 9 RG6 18 AWG TC BRAID



## CABLE SPECIFICATIONS

<b>DESCRIPTION</b>	RG-6/U 75 OHM COAXIAL CABLE; NON-PLENUM: CMR(ETL) OR C(ETL)CMG
<b>CONDUCTOR</b>	18 AWG SOLID COPPER; NOMINAL DIA: 0.0403"
<b>INSULATION</b>	FOAM POLYETHYLENE; DIA. OVER DIELECTRIC: 0.180" NOM.
<b>SHIELD</b>	BRAID: 36 AWG TIN/COPPER; COVERAGE: 95 +/- 3%; NOM. DIA. 0.204"
<b>JACKET</b>	FR-PVC; DIA. OVER JACKET: 0.268" +/- 0.006"; NOMINAL JACKET THICKNESS: 0.032"; MINIMUM SPOT: 0.024"
<b>JACKET COLOR</b>	BLACK
<b>MARKING</b>	SMARTWIRE HDSOI A B C D E F G 0 1 2 3 4 5 6 7 8 9 RG6 18 AWG 95 TC BRAID 9900963 C(ETL) US CMR 3GHZ FT4 MADE IN USA
<b>CABLE WEIGHT</b>	36 LBS./1000 FT.
<b>MINIMUM BEND RADIUS</b>	LOADED: 20 TIMES CABLE OD; UNLOADED: 10 TIME CABLE OD
<b>CABLE TEMP RATING</b>	60° C

## ELECTRICAL PROPERTIES

<b>SPARKER TEST</b>	4000 VAC
<b>DIELECTRIC STRENGTH</b>	CONDUCTOR TO SHIELD: 2500 VDC
<b>CAPACITANCE</b>	16.2 PF/FT. NOM.
<b>IMPEDANCE</b>	75.0 +/- 3.0 OHMS
<b>VELOCITY OF PROPAGATION</b>	82.0% NOM.
<b>DCR</b>	CONDUCTOR: 6.5 OHMS/1000 FT. NOM. SHIELD: 2.0 OHMS/1000 FT. NOM.
<b>SRL</b>	20DB MIN. (10 THRU 300 MHZ) 100% SWEEP TESTED

## ATTENUATION

FREQUENCY (MHZ)	ATTENUATION dB/100ft.
5	0.53
10	0.71
85	1.86
100	2.01
180	2.64
270	3.24
360	3.75
540	4.66
720	5.42
750	5.54
1000	6.45
1500	8.02
2000	9.43
2250	10.00
3000	11.65
4500	14.49
6000	16.81

## INDUSTRY STANDARDS



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