

Product: **HD823**

23 AWG HD-Digital COAX CMR Miniture RG59 HD-SDI



CONDUCTOR PARAMETERS	
Number of Conductors	1
AWG Size	23 AWG
Conductor Stranding	Solid
Conductor Type	Bare Copper
Nominal DCR	20.1 $\Omega$ /1000 ft
INSULATION PARAMETERS	
Insulation Type	Foam PE
Insulation Thickness	.102 in
Insulation Color Code	White Dielectric
SHIELDING PARAMETERS	
Shield Type	100% Aluminium Foil Shield
Shield Type 2	95% Tinned Copper
ELECTRICAL CHARACTERISTICS	
Nominal Capacitance Between Conductors	16 pF/ft
Nominal Impedance	75 $\Omega$
Nominal Velocity of Propagation	82%

OVERALL CONSTRUCTION PARAMETERS	
Total No. of Conductors	1
Jacket Type	PVC
Nom. Cable O.D.	.159 in
Plenum	No
NEC UL Rating	CMR
RoHS Compliant	Yes
Bend Radius	1.6
Pull Tension	33 lbs
Cable Weight	18 lbs

OVERALL ELECTRICAL CHARACTERISTICS	
UL Flammability	UL 1686
Operating Range	-30 to 75°C
UL Voltage Rating	300V

RELATED PRODUCTS	
Non Plenum Number	226
Aquaseal Direct Burial Number	AQ226
4 Pole SpeakOn	CN-NL4FC
SpeakOn Panel Mount	CN-NL4MP

Product: **HD823**

23 AWG HD-Digital COAX CMR Miniture RG59 HD-SDI



RETURN LOSS	
5-1600 MHz	23 dB
1600-4500 MHz	21 dB
4500-6000 MHz	15 dB
SpeakOn Panel Mount	CN-NL4MP

ATTENUATION	
1 MHz	0.39 dB/100 ft
5 MHz	0.92 dB/100 ft
10 MHz	1.2 dB/100 ft
25 MHz	1.8 dB/100 ft
67.5 MHz	2.8 dB/100 ft
100 MHz	3.39 dB/100 ft
135 MHz	3.84 dB/100 ft
180 MHz	4.41 dB/100 ft
360 MHz	6.34 dB/100 ft
540 MHz	7.85 dB/100 ft
720 MHz	9.31 dB/100 ft
1 GHz	10.89 dB/100 ft
1.5 GHz	13.38dB/100 ft
2 GHz	15.64 dB/100 ft
3 GHz	19.65 dB/100 ft
4.5 GHz	24.35 dB/100 ft
6 GHz	28.97 dB/100 ft

CONNECTOR	
Compression BNC 1 PC	CN-BNCP-825

VARIANT		
Item Number	HD823BK1000	Black Jacket - 1000 ft Put up