

Product Datasheet

Product ID: F052-221S0-291S0-40-N



RFecho
A Gateway to RF World

BNC Male to N Male Cable LMR-400-UF Coax F052-221S0-291S0-40-N

This RFecho cable assembly is built with LMR-400-UF coax. RF cable assembly is one of a huge selection of coaxial cables for radio, antenna and interconnect with RF components. RF coaxial cable assembly products are designed for typical use, production, laboratory test and measurement, defense / military, aerial antenna towers, etc.



RFecho products having 5.8 GHz Working Frequency, Velocity of Propagation of 85% and the Shielding efficiency of >90dB

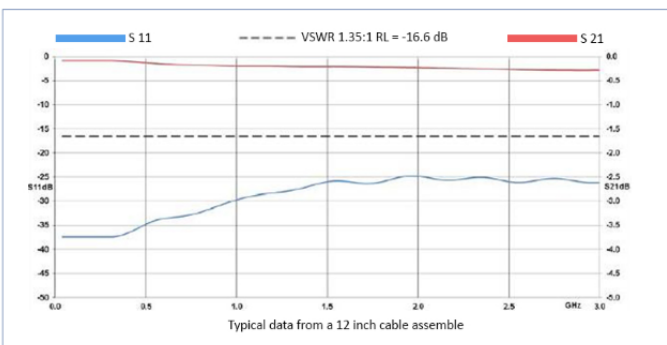
Electrical Specifications

Working Frequency	4 GHz
Characteristic impedance	50 (Ohms)
Propagation rate	85%
Shielding efficiency	>90dB
Voltage	2500 (V, DC)

Cable

Description	Cable
Cable Type	LMR-400-UF
Armor Type	None
Central conductor Type	Stranded copper conductor
Central conductor Diameter	2.74mm
Dielectric Type	EPE (Foamed Polyethylene)
Dielectric Diameter	7.24 mm
External conductor Type	Double-sided aluminium foil
External conductor Diameter	7.39 mm
Braided layer Type	Tin-plated copper wire
Braided layer Diameter	8.13 mm
Jacket Type	Tin-plated copper wire
Jacket Diameter	10.30 mm
Bending radius, static	25.00
Bending radius, dynamic	100.00
Weight	0.13(Kg/M)
Temperature Range, Installation and Use	-40 to +85

Typical Performance Data



Configuration

BNC Male
N Male
LMR-400-UF

Connectors

Description	Connector 1	Connector 2
u	"V#U	VU
#	o	o
@ # U h	" V	" 8
@ # h o		U
\ # U h	" V	" u U
# V U h	" V	
= o		
" U h	" V	" u U
) u	u	u

Performance by Frequency

Description	Frequency MHz	dB/100m	
	30	2.67	2.77
	50	3.46	2.14
	150	6.06	1.22
	220	7.38	1.00
	450	10.70	0.69
	900	15.41	0.48
	1500	20.25	0.36
	1800	22.35	0.33
	2000	23.67	0.31
	2500	26.74	0.28
	5800	42.82	0.17

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Product Dimensions

