

Semi Rigid Cable

**CMSR-085T-50-
ALTP -CW**

RFCM Code no		Date of issue		
EX-2-0012		2002-12-17		
Issues by	Approved by	Rev. no	Revised by	Revised date
A K S	O J J	5	H M K	2012-08-22



- ★ Specification ----- meet to MIL-C-17/133-00013
- ★ Continuous working voltage -----Max. 1500Vrms
- ★ Operating temperature range ----- -40°C ~ 125°C

Construction				MBR
Item	Material	Diameter	Remark	Static
Center conductor	SPCW	0.511mm(0.002inch)±0.01	Solid	3.2
Dielectric	PTFE	1.68mm(0.066inch)±0.05	Solid	
Outer Shield	TA	2.18mm(0.085inch)±0.05	100% Coverage	

☞TA : Tin plated Aluminum Tube

Electrical Data at +20°C (nom. Data)

Electrical Data			
Item	Specification		Remark
Operating frequency	Max. 20GHz		
Dielectric Resistance	>1,000 MOHMS x Km		
Capacitance	94 nF/Km		
Impedance	50 ± 2 OHMS		
Voltage withstandig	3,000 V rms		
Velocity of propagation	NOM. 69.5 %		
Weight	10.8 Kg/Km		
Attenuation(dB/ft) & Power(W)	0.47	500MHz	237
	0.61	1GHz	166
	0.225	3GHz	—
	1.56	5GHz	71.9
	2.37	10GHz	49.5
	3.29	18GHz	35.8

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