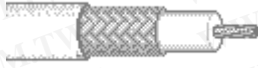


勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Part Number: 83284 Coax - MIL-C-17G



DESCRIPTION:

50 ohm M17/172-00001 (RG-316/U) coax, 26 AWG stranded (7x34) .020" silver-coated copper-covered steel, TFE core, s braid shield 95% coverage, FEP jacketed.

PHYSICAL CHARACTERISTICS :

CONDUCTOR :

Number of Coax: 1
Total Number of Conductors: 1
RG Type: 316/U
AWG: 26
Stranding: 7x34
Conductor Diameter: .020 in.
Conductor Material: SPPCS - Silver Plated Copper Covered Steel

INSULATION :

Insulation Material Trade Name: Teflon®
Insulation Material: TFE - Tetrafluoroethylene
Insulation Diameter: .058 in.

OUTER SHIELD :

Outer Shield Type: Braid
Outer Shield Material: SPC - Silver Plated Copper
Outer Shield %Coverage: 95 %

OUTER JACKET :

Outer Jacket Material Trade Name: Teflon®
Outer Jacket Material: FEP - Fluorinated Ethylene Propylene

OVERALL NOMINAL DIAMETER :

Overall Nominal Diameter: .098 in.

MECHANICAL CHARACTERISTICS :

Operating Temperature Range: -70 ° C To +200 ° C
Temperature Rating: 200 ° C
Bulk Cable Weight: 10 lbs/1000 ft.
Max. Recommended Pulling Tension: 21 lbs.
Min. Bend Radius (Install): 1 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE :

APPLICABLE STANDARDS :

Military Specification: M17/172-00001

FLAME TEST :

UL Flame Test: 1581 Vertical Flame (VW-1)

PLENUM/NON-PLENUM :

Plenum (Y/N):

N

ELECTRICAL CHARACTERISTICS :

Nom. Characteristic Impedance:

50 Ω

Nom. Inductance:

0.067 μH/ft

Nom. Capacitance Conductor to Shield:

29.0 pF/ft

Nominal Velocity of Propagation:

69.5 %

Nominal Delay:

1.48 ns/ft

Nom. Conductor DC Resistance @ 20 Deg. C:

84.1 Ω/1000 ft

Nominal Outer Shield DC Resistance:

6.5 Ω/1000 ft

Nom. Attenuation:

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Nom. Attenuation (dB/100 ft.)
Nominal Attenuation	1			1.2
	10			2.7
	50			5.6
	100			8.3
	200			12.0
	400			17.5
	700			23.7
	900			27.3
	1000			29.0

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Max. Operating Voltage - Other:

Other Voltage	Description
Military Specification	900 V RMS

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
83284-009100	#26TFE BRD RG-316/U COAX	100	1.2	WHITE	E
83284-0091000	#26TFE BRD RG-316/U COAX	1000	11	WHITE	E Z
83284-009500	#26TFE BRD RG-316/U COAX	500	5.5	WHITE	E Z

E = MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 25'
 Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LI