



00100MMFAMMXXX

Cable Assembly

100Ω HMTD(P) Z Code- HMTD(P) Z
Code for HCMTD Cable Assembly

Features

- ✓ High Repeatability
- ✓ Low VSWR

Electrical Specifications

Impedance	100Ohm
VSWR	1.5:1(Max.)
Connection 1	HMTD Plug
Connection 2	HMTD Plug

Material

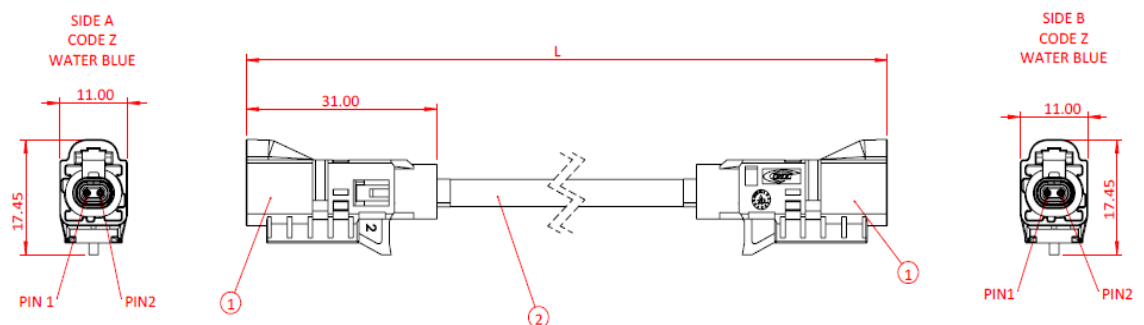
Part	Material	Plated
1. HMTD Connector		
Housing	Thermoplastic UL94V-0	
2. Cable		
HCMTD Cable		Black

Mechanical

Durability	25 Cycles
Connector Insertion Force	45N Max.
Connector Withdrawal Force	5N Min.
Retention Force Latch	110N Min.

Outling Drawing (Unit:mm)

DIMENSIONS	TOLERANCES
0.5~10mm	±0.2
11~100mm	±5.0
101~500mm	±10.0
501~1000mm	±15.0
1001~2000mm	±20.0
2000~5000mm	±50.0



All Specification Changed Without Notification.



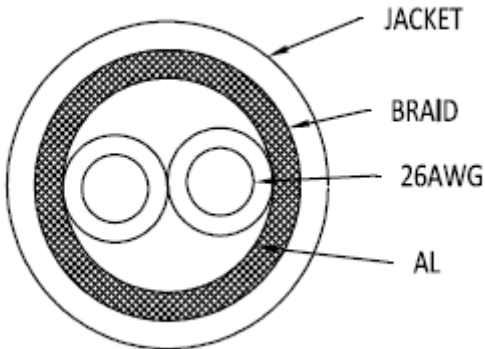
Wake up your further dream.



HCMTD Flexible Coaxial Cable Physical Characteristics

Center Conductor	Construction Size	7/0.16±0.008mm Tinned Copper
Insulation	Thickness	0.28mm
	Diameter	1.26±0.08 mm F-PP
Lay Length	Lay	22±3 mm
Double AL Foil	Coverage	100%
	Overlap	25% Min.
Braid Shield	Construction	16/7/0.10±0.008mm Tinned Copper
Jacket	Thickness	0.31mm
	Overall Diameter	3.8±0.2mm TPE-S(Black)
Minimum Bend Radius	Single Bending	3X Cable Min. 12mm
	Repeated Bending	10-X Cable Min. 40mm

HCMTD Flexible Coaxial Cable Electrical Characteristics

Impedance	Differential: 100ohms±5% @500ps Rise Time	
Capacitance	50 pf/m @1KHz	
Conductor Resistance	150 ohms/KM(max.)@20℃ 26AWG	
Operating Temperature	-40~+125℃	
Maximum Attenuation(dB/M) @ 	0.1GHz	0.35
	0.4GHz	0.69
	0.8GHz	0.98
	1.0GHz	1.10
	1.5GHz	1.37
	2.0GHz	1.61
	2.5GHz	1.82
	3.0GHz	2.03
	3.5GHz	2.22
	4.0GHz	2.41
	4.5GHz	2.53
	4.6GHz	2.62