

DRAWING NO. (ABCD)-8405-(ABCD)-L*

REVISIONS

REV.	DESCRIPTION	DATE	APPVD.

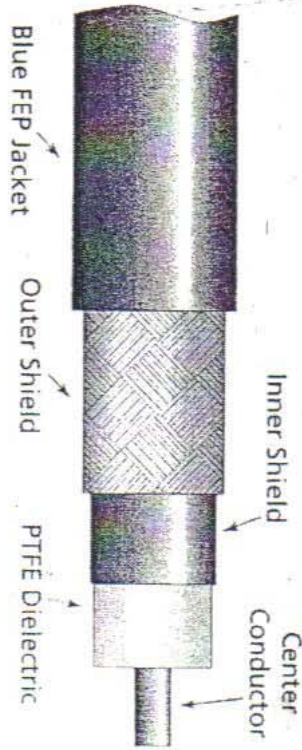
ELECTRICAL PROPERTIES
 NOMINAL IMPEDANCE: 50 OHMS
 VSWR: 1.35:1 MAXIMUM (CONNECTOR DEPENDENT)
 MAXIMUM ASSY. FREQUENCY: 20 GHZ
 DIELECTRIC WITHSTANDING VOLTAGE: 5000 VRMS
 CABLE MAX. CAPACITANCE: 32 PF/FT
 RF SHIELDING: > 90 DB
 VELOCITY PROPAGATION: 70%

MATERIALS
 INNER CONDUCTOR: SIL PLT COPPER WELD, 0.0201" DIA.
 DIELECTRIC: SOLID PTFE, 0.066" DIA.
 INNER SHIELD: SILVER PLATED COPPER/MYLAR LAMINATE,
 .074" DIAMETER
 OUTER SHIELD: SILVER PLATED AWG 40 COPPER BRAID,
 .086" DIAMETER
 OUTER JACKET: EXTRUDED BLUE FEP, .100" DIAMETER.

MECHANICAL PROPERTIES
 BEND RADIUS: MINIMUM 0.125", WEIGHT: 1.4 LBS/100 FEET
 TEMPERATURE RANGE: -65° C TO +200° C (CABLE)
 WITH STANDARD CONNECTORS: -65° C TO +165° C.

PART NUMBER CONSTRUCTION
 (ABCD): INSERT CONNECTOR CODES AS FOLLOWS.
 A: TYPE
 S = STRAIGHT; R = RIGHT ANGLE; B = BULKHEAD
 BC: CONNECTOR FAMILY
 01 = 3.5 MM; 02 = 7 MM; 23 = TYPE N; 26 = SMA; 34 = TNC,
 D: CONNECTOR SEX
 M = MALE PLUG
 F = FEMALE JACK

(L): LENGTH IN INCHES



CABLE INSERTION LOSS

FREQ (GHZ)	DB/100 FT
0.5	15.4
2	31.5
6	56.6
10	75.1
18	104
20	112

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DRAWN	SIGNATURE:	DATE
CHKD		
APPROVED	<i>[Signature]</i>	6/02

500 JOHNSON AVENUE SUITE A, BOHEMIA NY 11716-2675
 (631) 589-8000, 1-800-637-4353, FAX (631) 589-8167

MIDISCO

DESCRIPTION: FLEXIBLE HIGH PERFORMANCE CABLE ASSEMBLY

SIZE	FSCM	DRAWING NO:	REV.
A	52335	(ABCD)-8405-(ABCD)-L*	

DRAWING NO. (ABCD)-8402-(ABCD)-L*

REVISIONS

REV.	DESCRIPTION	DATE	APPVD.

ELECTRICAL PROPERTIES

NOMINAL IMPEDANCE: 50 OHMS
 VSWR: 1.35:1 MAXIMUM (CONNECTOR DEPENDENT)
 MAXIMUM ASSY. FREQUENCY: 20 GHZ
 DIELECTRIC WITHSTANDING VOLTAGE: 5000 VRMS
 CABLE NOMINAL CAPACITANCE: 29.4 PF/FT
 RF SHIELDING: > 90 DB
 VELOCITY PROPAGATION: 70%

MATERIALS

INNER CONDUCTOR: SIL PLT COPPER WELD, 0.036" DIA.
 DIELECTRIC: SOLID PTFE, 0.117" DIA.
 INNER SHIELD: SILVER PLATED COPPER/MYLAR LAMINATE,
 .125" DIAMETER
 OUTER SHIELD: SILVER PLATED AWG 40 COPPER BRAID,
 .141" DIAMETER
 OUTER JACKET: EXTRUDED BLUE FEP, .163" DIAMETER.

MECHANICAL PROPERTIES

BEND RADIUS: MINIMUM 0.2", WEIGHT: 3 LBS/100 FEET
 TEMPERATURE RANGE: -65° C TO +200° C (CABLE)
 WITH STANDARD CONNECTORS: -65° C TO +165° C.

PART NUMBER CONSTRUCTION

(ABCD): INSERT CONNECTOR CODES AS FOLLOWS.

A: TYPE

S = STRAIGHT; R = RIGHT ANGLE; B = BULKHEAD

BC: CONNECTOR FAMILY

01 = 3.5 MM; 02 = 7 MM; 23 = TYPE N; 26 = SMA; 34 = TNC,

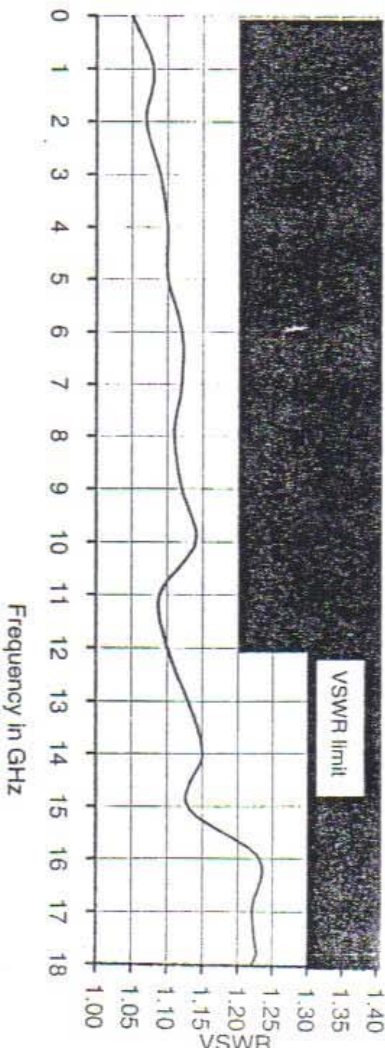
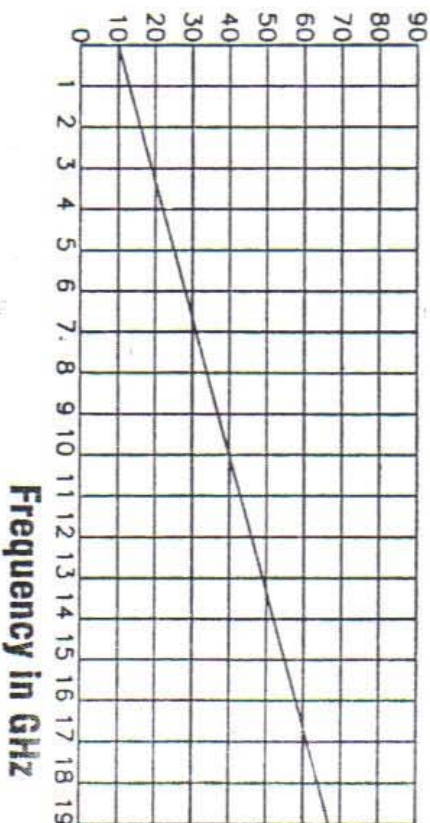
D: CONNECTOR SEX

M = MALE PLUG

F = FEMALE JACK

(L): LENGTH IN INCHES

dB Loss/100'



TYPICAL DATA SHOWN. VSWR IS WITH SMA PLUGS

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MIDISCO

DESCRIPTION: FLEXIBLE HIGH PERFORMANCE CABLE ASSEMBLY

DRAWN	SIGNATURE:	DATE	SIZE	FSCM	DRAWING NO:	REV.
CHKD	<i>[Signature]</i>	10/01	A	52335	(ABCD)-8402-	(ABCD)-L*
APPROVED						

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.