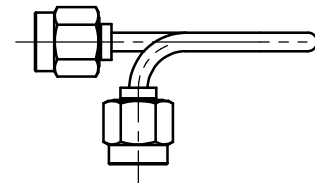
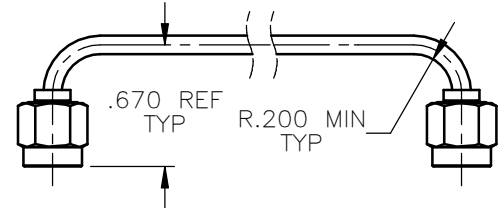




REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
C	UPDATED NOTE 1	02/10/14	E.M.
D	ECN #9052	04/01/14	E.M.
E	ECN #9073	04/25/14	E.M.
F	UPDATED NOTES 2 & 3	06/03/14	E.M.
G	UPDATED ITEM 2 DESCRIPTION	01/22/15	E.M.

CONFIGURATION EXAMPLES SHOWN BELOW.

**COMPONENTS:**

ITEM 1: SMA STRAIGHT PLUG

ITEM 2: COAXIAL, FLEXIBLE, AEP SHORT-BEND 086

ITEM 3: MARKER, WRAP-AROUND OR HEAT SHRINK SLEEVING MATERIAL

NOTES:

- "XXXX" REPRESENTS LENGTH "L" IN INCHES.
EXAMPLE: 81-6200-0600 OR AEP-SB-086-0600 INDICATES 6 INCHES OVERALL LENGTH.
- MECHANICAL CHARACTERISTICS:**
 - PULL STRENGTH: 15 LBS.
 - NUMBER OF FLEXURES: 1 AT R.200" AND 5 AT R.250".
- ENVIRONMENTAL CHARACTERISTICS:**
 - OPERATING TEMPERATURE RANGE: -55 ° C TO +125 ° C.
 - SHOCK: PER MIL-STD-202, METHOD 213B, TEST CONDITION A, 40G, 11MS.
 - VIBRATION: PER MIL-STD-202, METHOD 214A, TEST CONDITION I B, 1-1/2 HOUR/AXIS .
- ELECTRICAL CHARACTERISTICS:**
 - IMPEDANCE: 50 Ohms
 - FREQUENCY: RETURN LOSS AND INSERTION LOSS PER TABLE 1. SEE PAGE 2.
- NO MARKING ON ASSEMBLY SHORTER THAN 3 INCHES.**

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON

DECIMAL

ANGLE

DWN: DATE
E.M. 09/04/12CHKD: DATE
G.L. 09/04/12APVD: DATE
J.M. 09/04/12

REFERENCE: EPC11-0-4

ORIGINATED: E.M.
DATE: 09/04/12MATERIAL & FINISHES:
SEE ABOVE

a RADIAL company

Property of Radiall
This document cannot be reproduced or
communicated to a third party without prior
written permission of RADIALL.CONTROL DRAWING
CABLE ASSEMBLY
AEP SHORTBEND-086-XXXXSIZE
AFSCM NO.
19505

DWG NO.

81-6200-XXXX

REV
G

SCALE 1:1

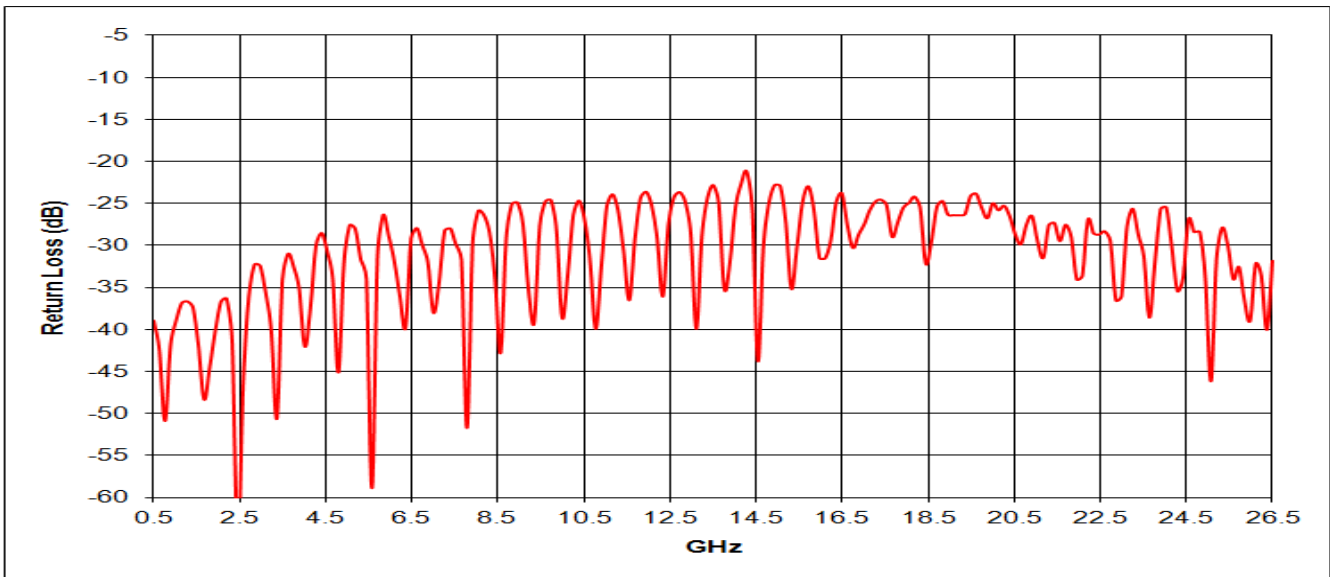
THIRD ANGLE
PROJECTION

SHEET 1 OF 2

81-6200-XXXX

AEPSHORTBEND-086-1200	1200 (12")	- 20.83	- 19.08	- 16.54	- 14.72	0.45	1.08	1.36	1.71
AEPSHORTBEND-086-1100	1100 (11")	- 20.83	- 19.08	- 16.54	- 14.72	0.42	1.01	1.27	1.60
AEPSHORTBEND-086-1000	1000 (10")	- 20.83	- 19.08	- 16.54	- 14.72	0.39	0.94	1.19	1.50
AEPSHORTBEND-086-0900	0900 (9")	- 20.83	- 19.08	- 16.54	- 14.72	0.37	0.88	1.10	1.39
AEPSHORTBEND-086-0800	0800 (8")	- 20.83	- 19.08	- 16.54	- 14.72	0.34	0.81	1.01	1.28
AEPSHORTBEND-086-0700	0700 (7")	- 20.83	- 19.08	- 16.54	- 14.72	0.32	0.74	0.93	1.18
AEPSHORTBEND-086-0600	0600 (6")	- 20.83	- 19.08	- 16.54	- 14.72	0.29	0.67	0.85	1.07
AEPSHORTBEND-086-0500	0500 (5")	- 20.83	- 19.08	- 16.54	- 14.72	0.27	0.60	0.76	0.96
AEPSHORTBEND-086-0450	0450 (4.5")	- 20.83	- 19.08	- 16.54	- 14.72	0.26	0.57	0.72	0.91
AEPSHORTBEND-086-0400	0400 (4")	- 20.83	- 19.08	- 16.54	- 14.72	0.24	0.53	0.68	0.86
AEPSHORTBEND-086-0350	0350 (3.5")	- 20.83	- 19.08	- 16.54	- 14.72	0.23	0.50	0.63	0.80
AEPSHORTBEND-086-0300	0300 (3")	- 20.83	- 19.08	- 16.54	- 14.72	0.22	0.46	0.59	0.75
AEPSHORTBEND-086-0250	0250 (2.5")	- 20.83	- 19.08	- 16.54	- 14.72	0.21	0.43	0.55	0.70
ASSY. NO.	DIM "L"	2.0 GHz	12.4 GHz	18 GHz	26.5 GHz	2.0 GHz	12.4 GHz	18 GHz	26.5 GHz
		RETURN LOSS, dB MAX				INSERTION LOSS, dB MAX AT 20 °C			

TABLE 1.



TYPICAL RETURN LOSS ON 6 INCHES CABLE ASSEMBLY SHOWN ABOVE.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON		DWN: E.M.	DATE 09/04/12	 Property of Radiall This document cannot be reproduced or communicated to a third party without prior written permission of RADIALL.	
		CHKD: G.L.	DATE 09/04/12		
DECIMAL	ANGLE	APVD: J.M.	DATE 09/04/12	CONTROL DRAWING CABLE ASSEMBLY AEPSHORTBEND-086-XXXX	
REFERENCE: EPC11-0-4		MATERIAL:			
ORIGINATED: E.M. DATE: 09/04/12		SIZE A	FSCM NO. 19505	DWG NO. 81-6200-XXXX	REV G
		SCALE 1:1		THIRD ANGLE PROJECTION	SHEET 2 OF 2

81-6200-XXXX