

# CABLE ASSEMBLIES

## DC - 18 GHz

### SHF 5

Series	Type	Im- pedance $\Omega$	Proof voltage V.r.m.s.	Cable diameter inch	Cable assembly V.S.W.R.	Length inch (cm)	Cable assembly max. insertion loss (dB)			Part No.		
							2 GHz	10 GHz	18 GHz			
SMA	2 straight plugs	50	1000	.204	1.25	19.68 (50)	.23	.58	.98	R 287 531 002		
						39.37 (100)	.43	1.07	1.69	R 287 531 003		
						59.05 (150)	.62	1.57	2.40	R 287 531 004		
						78.74 (200)	.82	2.06	3.11	R 287 531 005		
	2 right angle plugs				1.35	—	(1)		R 287 532 00(2)			
	2 straight jacks					—	(1)		R 287 533 00(2)			
TNC	2 straight plugs	50	1000	.204	1.45	—	(1)		R 287 551 00(2)			
	2 right angle plugs					—	(1)		R 287 552 00(2)			
	2 straight jacks					—	(1)		R 287 553 00(2)			
N	2 straight plugs				50	1000	.204	1.45	—	(1)		R 287 571 00(2)
	2 right angle plugs								—	(1)		R 287 572 00(2)
	2 straight jacks								—	(1)		R 287 573 00(2)
APC 7 <sup>®</sup>	2 Hermaphrodites	—	(1)					R 287 591 00(2)				

### HF 142

Series	Type	Im- pedance $\Omega$	Proof voltage V.r.m.s.	Cable diameter inch	Cable assembly V.S.W.R.	Length inch (cm)	Cable assembly max. insertion loss (dB)			Part No.		
							2 GHz	10 GHz	18 GHz			
SMA	2 straight plugs	50	1000	.197	1.25	19.68 (50)	0.35	.85	1.36	R 287 231 002		
						39.37 (100)	.65	1.62	2.46	R 287 231 003		
						59.05 (150)	.96	2.39	3.56	R 287 231 004		
						78.74 (200)	1.27	3.16	4.66	R 287 231 005		
	2 right angle plugs				1.35	—	(1)		R 287 232 00(2)			
	2 straight jacks					—	(1)		R 287 233 00(2)			
TNC	2 straight plugs	50	1000	.197	1.45	—	(1)		R 287 251 00(2)			
	2 right angle plugs					—	(1)		R 287 252 00(2)			
	2 straight jacks					—	(1)		R 287 253 00(2)			
N	2 straight plugs				50	1000	.197	1.45	—	(1)		R 287 271 00(2)
	2 right angle plugs								—	(1)		R 287 272 00(2)
	2 straight jacks								—	(1)		R 287 273 00(2)
APC 7 <sup>®</sup>	2 Hermaphrodites	—	(1)					R 287 291 00(2)				

<sup>®</sup> APC 7, Bunker Ramo Amphenol.

(1) The cable assembly insertion loss does not change with the connector type or series.

(2) add the last digit of the part number according to the length of the cable assembly in inch (cm)

2 = 19.68 (50)

3 = 39.37 (100)

4 = 59.05 (150)

5 = 78.74 (200)