

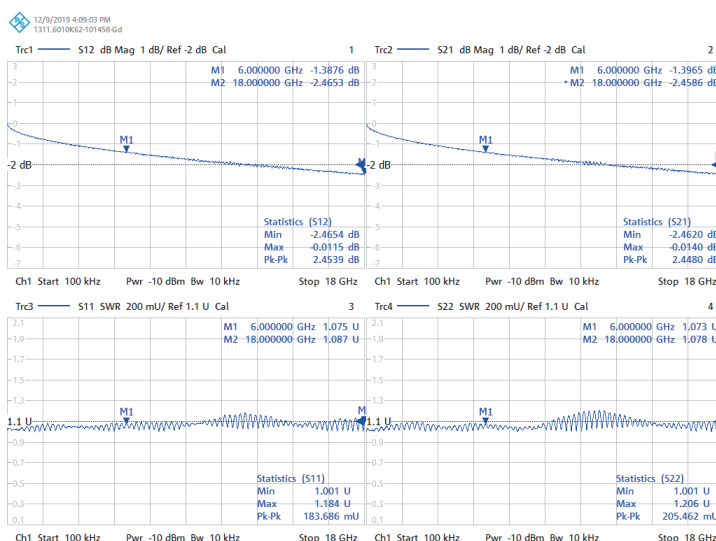
## SMFM (F) TO SMA (M) CABLE

PART NUMBER DESCRIPTION									
<div style="display: flex; justify-content: space-around; align-items: center;"> <span style="border: 1px solid black; padding: 2px;">5</span> <span style="border: 1px solid black; padding: 2px;">5</span> <span style="border: 1px solid black; padding: 2px;">F</span> <span style="border: 1px solid black; padding: 2px;">S</span> <span style="font-size: 20px;">—</span> <span style="border: 1px solid black; padding: 2px;">7</span> <span style="border: 1px solid black; padding: 2px;">8</span> <span style="border: 1px solid black; padding: 2px;">M</span> <span style="border: 1px solid black; padding: 2px;">S</span> <span style="border: 1px solid black; padding: 2px;">42</span> <span style="border: 1px solid black; padding: 2px;">1</span> <span style="border: 1px solid black; padding: 2px;">511</span> </div>									
SERIES	GENDER	OPTION	SERIES	GENDER	OPTION	LENGTH (cm)	CABLE TYPE	CABLE CODE	
55 SMFM	F FEMALE	S STRAIGHT	78 SMA	M MALE	S STRAIGHT	42 cm	1 RPSF	511	

MATERIAL AND FINISH	
CABLE	DETAIL RPSF
CONNECTOR A	SMFM FEMALE
CONNECTOR B	SMA MALE

MECHANICAL AND ENVIRONMENTAL	
NOMINAL OUTER DIAMETER	SPECIFICATIONS 1.42 mm
MIN BEND RADIUS	5 mm
MIN BEND RADIUS DYNAMIC	10 mm
TEMPERATURE RANGE	-55 °C ~ 155 °C
CABLE RETENTION	10 N min or when cable breaks

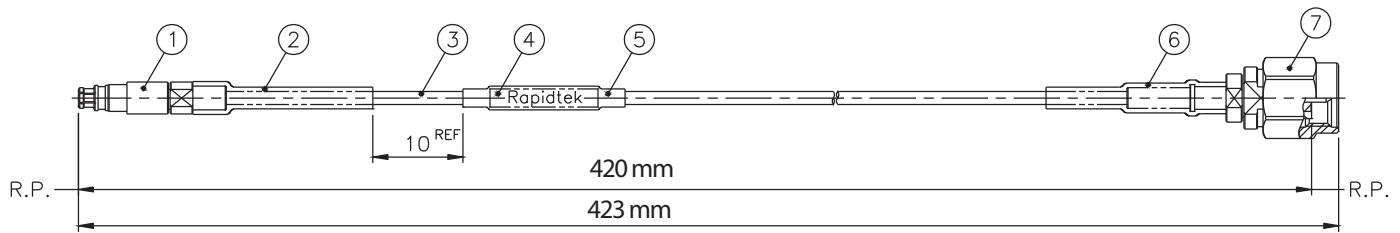
ELECTRICAL		
IMPEDANCE	TEST CONDITION DC ~ 18 GHz	SPECIFICATIONS 50 Ohms
VSWR	DC ~ 6 GHz 6 ~ 18 GHz	1.3 Max 1.35 Max
INSERTION LOSS	DC ~ 6 GHz 6 ~ 18 GHz	1.85 dB Max 2.95 dB Max
DIELECTRIC WITHSTANDING VOLTAGE	DC, TIME: 60 SEC	325 Vrms Min
INSULATION RESISTANCE	DC 500V, TIME 60 SEC	5000 Mohms Min



**RAPIDTEK**  
RF COAXIAL CABLE

Rapidtek Magnetic Devices Inc.  
<http://www.rapidtek.net>  
 Tel : 02 - 8698 - 1068  
 Fax : 02 - 8698 - 1018  
 17F, No.75, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 22101, Taiwan

## STANDARD DIMENSIONS



- 1 SMPM (F) CONNECTOR
- 2 HEAT SHRINK TUBE
- 3 CABLE
- 4 LABEL
- 5 HEAT SHRINK TUBE
- 6 HEAT SHRINK TUBE
- 7 SMA (M) CONNECTOR

NOTE : FERRULE HAS BRASS (PER QQ-B-626) MATERIAL WITH NICKEL PLATING (70mm) COPPER STRIKE

ALL DIMENSIONS IN mm



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