



**SPECIFICATION**

STYLE	(L.F) LOW LOSS COAXIAL CABLE	SIZE	RG 174/U SC AL PVC
STANDARD :			
CONDUCTOR	SIZE	----	RG 174/U
	COND. MATERIAL	----	Silvered Copper Wire
	CONDUCTOR	mm	7 / 0.17 ± 0.006
INSULATION	MIN.AVG.THICK	mm	0.47
	MIN.THICK.	mm	0.42
	DIAMETER	mm	1.50 ± 0.05
Braid	MATERIAL	----	PP
	COLOR	----	NATURE
	MATERIAL	----	Tin Copper + AL
JACKETED	Construction	mm	16 x 4 / 0.100
	Coverage	%	100
	AVG.THICK	mm	0.34
JACKETED	MIN.THICK	mm	0.30
	DIAMETER	mm	2.75 ± 0.10
	MATERIAL	----	(L.F) PVC 10PPM以下
Marking	COLOR	----	BLACK

ELECTRICAL & PHYSICAL PROPERTIES			
ITEM	RG 174/U	SC AL	PVC
RATING TEMP VOLTAGE	30V		
CONDUCTOR RESISTANCE	108.45	Ω/KM	
DIELECTRIC STRENGTH	1	KV/MIN.	
INSU.RESISTANCE	AC 100	MEGA OHM/KM MIN.	
SPARK TEST	2	KV	
INSULATION	UNAGED	TENSILE STRENGTH	1400
		ELONGATION	250 %
	AGED	TENSILE STRENGTH	UNAGED MIN.
		ELONGATION	UNAGED MIN.
JACKETED	UNAGED	TENSILE STRENGTH	1500 PSI MIN.(1.05 Kg/mm²)
		ELONGATION	100% MIN.
	AGED	TENSILE STRENGTH	UNAGED MIN. 70%(113°C X 168HRS)
		ELONGATION	UNAGED MIN. 65%(113°C X 168HRS)
CAPACITANCE	100.8 ± 5	pF/M	
IMPEDANCE	50 ± 3	OHM	
VSWR	1.3		
TEMPERATURE RANGE	OPERATING	-40°C +105°C	
TEMPERATURE RANGE	INSTALLATION	-20°C +80°C	
ATTENTION	900 MHz	1800 MHz	2400 MHz
	dB/M	0.8	1.10

No.	Q' TY	DESCRIPTION	FINISH
1	1	SMA JACK ST. FOR RG174 CABLE	GOLD PLATED
2	1	MMCX PLUG R/A FOR RG174 CABLE	GOLD PLATED
3	1	RG174 CABLE	BLACK
4	2	HEAT SHRINK TUBR	BLACK

**RoHS Compliant**

TOLERANCES ARE

**MORETHANALL**  
PCB CONNECTORS  
Cable ASSEMBLIES

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm SCALE 1 : 1

DATE

SIZE A4

X. ±  
.X ±  
.XX ±  
.XXX ±  
ANG ±

PJECTION

照片框

**ORDER INFORMATION**

**MMCXSMA-1R1S174-E5C-LF**

SERIES

LEADFREE  
50mm

RT/ST

MALE TO FEMALE  
RG174

DESCRIPTION: SMA ST. JACK TO MMCX R/A PLUG FOR RG174 CABLE L=50mm

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