

MALE MMCX CONNECTOR

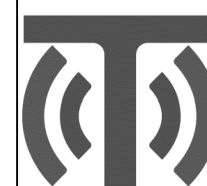
FEMALE MMCX CONNECTOR

TECHNICAL CHARACTERISTICS

TEMPERATURE RANGE	-55°C ~ +155°C (PE CABLE -40°C ~ +85°C)
IMPEDANCE	50 Ω
FREQUENCY RANGE	DC ~ 6GHz
WORKING VOLTAGE	170V R.M.S. AT SEA LEVEL
WITHSTANDING VOLTAGE	500V R.M.S. AT SEA LEVEL
CONTACT RESISTANCE - CENTRE CONTACT	< 5 M Ω
CONTACT RESISTANCE - OUTER CONTACT	< 2.5 M Ω
INSULATION RESISTANCE	> 1000 M Ω
INSERTION LOSS	< 0.18 dB / 1GHz
CENTRE CONDUCTOR RETENTION FORCE	> 0.28 N
ENGAGEMENT FORCE	< 15 N
DISENGAGEMENT FORCE	> 6 N
VOLTAGE STANDING WAVE RATIO - STRAIGHT	< 1.25 / 3GHz
VOLTAGE STANDING WAVE RATIO - RIGHT ANGLE	< 1.43 / 3GHz
DURABILITY (MATING)	> 500 CYCLES

COMPONENT	MATERIAL	PLATING
BODY	BRASS	GOLD
RESILIENT CONTACT	BERYLLIUM - COPPER	GOLD
INNER CONDUCTOR	BERYLLIUM OR TIN BRONZE	GOLD
CRIMP FERRULE	COPPER ALLOY	NICKEL OR GOLD
O-RING SEALING	6146 SILICONE RUBBER	
INSULATOR	PTFE	

GENERAL NOTES:
ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE



SCALE: DRAWING
NOT TO SCALE

DO NOT SCALE
IF IN DOUBT ASK

DWN: RO CHK: DP

A	ISSUED	RO	07.08.13
REV	DESCRIPTION	BY	DATE

PROJECT	TELCO ANTENNAS
	RF COAXIAL CONNECTORS
TITLE	MMCX TECHNICAL SPECIFICATIONS
DRG. No.	TA-RC-TS06
REV.	A