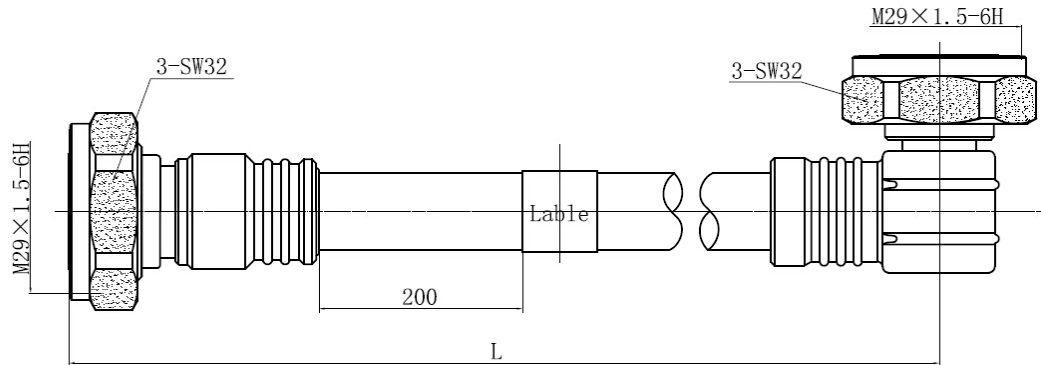


Connector Type	Cable Type	Description
7/16 Male-7/16 Male RA	1/2" super-flex cable	7/16 male to 7/16 RA male 1/2" super-flex cable



All dimensions are in mm

NO.	Junmp Length (mm)	Tolerances (mm)	Part Number	Insertion Loss
1	3000	± 30	7/16M.H.AC- 7/16MR.H-YD9.3m	≤ 0.68 (@2200MHz)
2	5000	± 50	7/16M.H.AC - 7/16MR.H -YD9.5m	≤ 1.03 (@2200MHz)
3	7000	+90 0	7/16M.H.AC - 7/16MR.H -YD9.9m	≤ 1.72 (@2200MHz)

Rev: S/1

Item number :

Parts

Connector 1	7/16 male connector
Connector 2	7/16 RA male connector
Cable	1/2" super-flex cable
Molding	Black PE
Marking label	Wrap stick type

Documents

Connector specification	IEC 60169-4
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Electrical data

Impedance	50 Ω
Frequency	DC to 7.5 GHz
VSWR	≤ 1.150 to 2.2GHz
Insertion loss	≤ 1.20 @ 0 to 3 GHz
Insulation resistance	See table
Center contact resistance	≥ 10000 MΩ

Outer contact resistance	$\leq 0.4 \text{ m}\Omega$
Dielectric Strength	$\leq 0.2 \text{ m}\Omega$
PIM (@900MHz、1800MHz 2×20W)	2000 V RMS, at sea level $\leq -155\text{dBc}$ (2 x 43 dBm)

Mechanical data

Termination cable retention

$\geq 300\text{N}$

Environmental data

Temperature range

-45°C to $+85^\circ \text{C}$

Suitable cables

1/2super-flex cable

Draft:

Checker :

Approve :