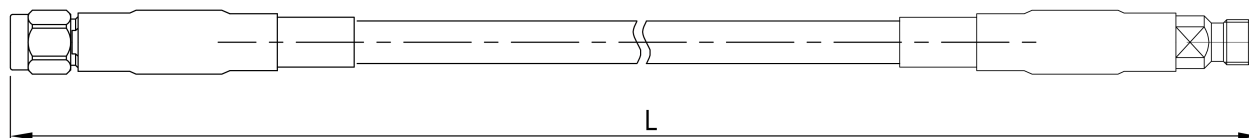


Armored Test Cable Assembly, RCP670H-KMKF-L 2.92mm Male to 2.92mm Female, DC-40GHz, ø6.7mm

Dimensions(mm) Tolerance±1%



Electrical & Environmental

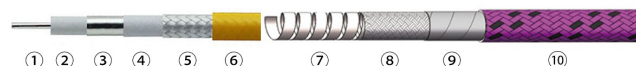
Frequency Range	DC-40GHz, 50 Ohms
Avg Power@25°C	39.9W @40GHz
I L@1M	3.18 dB Max @40GHz
VSWR	1.3 Max
VOP	83%
SE	90dB Min
ATTEN-STAB	±0.04dB Max
Mech. Phase	±4°
OT	-40~+150°C

Product Information

Product Number	RCP670H-KMKF-L
Product Type	Armored Test Cable Assembly
Cable	RCT400/RCP670
Connector	2.92mm(K,SK) Male to 2.92mm(K,SK) Female
Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper
Bend Radius	27.00mm
Bend Radius (Rep.)	54.00mm

Customized services: including connectors, length, phase matching/tracking, time delay, and better electrical performance.

RCT400/RCP670 Structure Characteristics



Structure	Material	ΦD(mm)
1.Center Conductor	Single-core Silver-plated Copper	0.91
2.Dielectric	LD-PTFE	2.50
3.Inner shield	Silver-plated Copper Tape Braiding	2.66
4.Interlayer	LD-PTFE	2.95
5.Outer Shield	Silver-plated Copper Wire Braiding	3.40
6.Jacket	Yellow FEP	3.80
7.Spring	Stainless steel Tape	5.40
8.Braided Layer	Tinned Wire	5.80
9.Stable Layer	PTFE	6.10
10.Armor Jacket	Purplish Black PTFE	6.70

Product Selection and Loss Index @25°C

RFTOP P/N	3GHz	22GHz	40GHz
RCP670H-KMKF-600	1.00 dB	1.71 dB	2.15 dB
RCP670H-KMKF-1M	1.27 dB	2.45 dB	3.18 dB
RCP670H-KMKF-1.5M	1.61 dB	3.38 dB	4.46 dB
RCP670H-KMKF-2M	1.94 dB	4.31 dB	5.75 dB