Semi-Flexible Cable Assemblies:
DC - 65GHz(1.85mm/SMPM), DC - 40GHz(2.92mm/SMPM)

DESCRIPTION: The Semi-Flexible Cable Assemblies, up to 40 and 65 GHz, are designed for broadband measurement, instrument and system use. All materials are "lead free".

SPECIFICATIONS:
- Insertion Loss: See Fig.1
- Return Loss: See following table
- Temperature Range: -55 to 100 deg.C (-30 to 100 deg.C for Jacket type)
- Length (L): 35 to 300mm +/-2mm [**] Standard (Over 300mm to 1500mm, Considerable)
- With jacket: Available (UL certified heat shrink tube)
- Phase match (Option): Available (+/- 2 ps or +/- 1 ps)

[**] Please specify length(L: nnnn see following table), when you order this item.
For example: SFCA185MM0035 (Length:35mm)
SFCA185MM0035J (Length:35mm, with jacket)

INTERFACE STANDARDS:
1.85 and 2.92 mm connector; Conforming to IEEE-std-287
SMPM connector; As per MIL-STD-348A NOTICE 5 328.1. SMPM female interface

[Source:13061701-6]
P/N: SFCA292119SMPM0040   (L=40mm)
[Source:13031401-4]
P/N: SFCA185119MM0040    Phase match +/-1 ps (L=40mm)

Typical Performance:

DC-65GHz
- Better than 17 dB

DC-40GHz
- Better than 20 dB

Note:
[1] The measured values of the insertion and return loss are included the performances of the SMPM to 1.85mm(or 2.92mm) adaptor.

Cable Properties:
- Outer Conductor: φ1.19mm, Tin-soaked copper wire braid
- Center Conductor: Silver plated copper
- Insulator: Solid PTFE
- Moding Freq.: 112GHz(Approx.)
- Delay Time: 1.43ns/300mm
- Inside Bending Radius: 2 mm(min)
- Non-Magnetic

Specifications Subject to Change Without Notice:
Note: All dimensions are in Millimeters.