

QTV

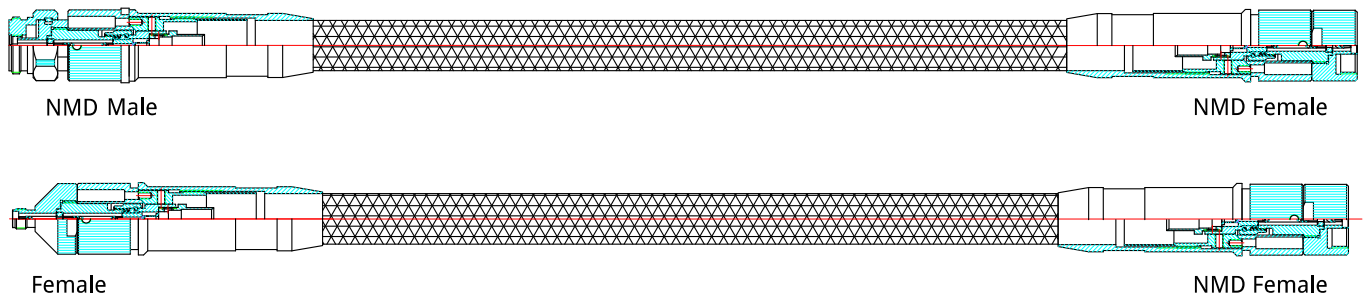
Phase & Loss Stable, Long Flex Life

Features:

- * Low Insertion Loss
- * High Phase Stability
- * High Durability

Applications:

- * Laboratory Test

Outline Drawings

Electrical & Mechanical

Part Number	Frequency (GHz)	VSWR (max.)	Phase Stability(±°)	Amplitude Stability(±dB)	Bend Radius (mm)	Connectors
QTV-V	DC~67	1.5	10	0.13	50	1.85mm
QTV-2	DC~50	1.42	8	0.1	50	2.4mm
QTV-K	DC~40	1.35	6	0.1	50	2.92mm
QTV-3	DC~26.5	1.3	5	0.06	50	3.5mm
QTV-N	DC~18	1.3	4	0.05	50	N

Loss vs Length

Length (m)	QTV-V			QTV-2			QTV-K			QTV-3			QTV-N		
	0.6	0.8	1	0.6	0.8	1	0.6	0.8	1	0.6	0.8	1	0.6	0.8	1
Loss (dB, max.)	4.91	6.11	7.31	3.17	3.85	4.53	2.78	3.37	3.96	2.23	2.70	3.17	1.58	1.88	2.18

How To Order
QTV-X-Y-Z

- X: Connector type
- Y: Connector type
- Z: Length in meters

Examples:

To order a pair of VNA test cable assemblies, DC-50GHz, 0.6 meter, specify QTV-M2F-M2-0.6 and QTV-M2F-2F-0.6.

Connector naming rules:

- V - 1.85mm
- 2 - 2.4mm
- K - 2.92mm
- 3 - 3.5mm
- N - N

Female Connector - Add 'F' after connector name

NMD Connector - Add 'M' before connector name