

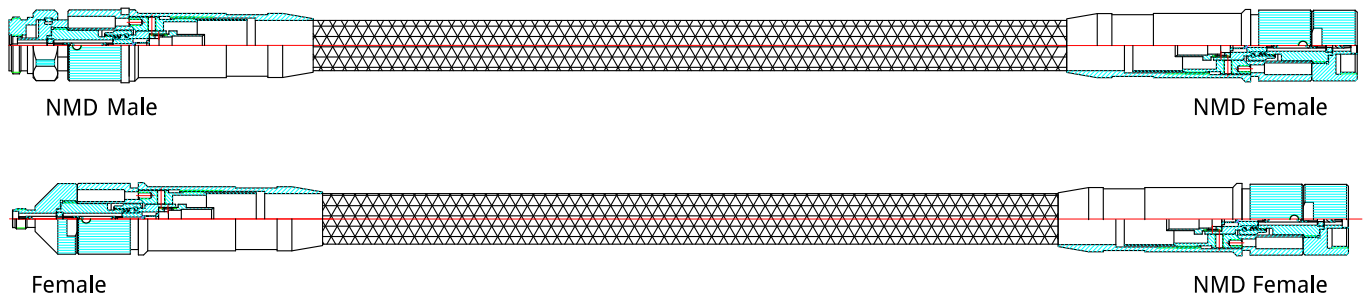
## QTV

### 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