

Features

- Low VSWR
- Low loss
- Operating Frequency Range DC~18GHz
- Ideal for Interconnect of Assembled Systems

Applications

- Replacement for Semi-rigid Cables
- Communications
- Environmental and Test Chambers

Specifications

Electrical

Operating Frequency	DC~18GHz
Cutoff Frequency	19GHz
Impedance	50Ω
Velocity of Propagation	70%
Screening Effectiveness	90dB min
Voltage Rating	3000V, DC

Environmental & Mechanical

Operating Temperature	-55℃~+125℃
Min Bending Radius/Single	35mm
Min Bending Radius/Repeated	70mm
Weight	118g/m

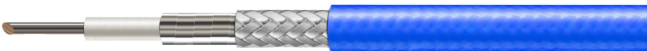
Attenuation@25℃ & Power@40℃ (sea level)

Frequency(GHz)	1	2	3	6	8	10	12.4	18
Attenuation(dB/100m)	25.7	38.7	49.5	77	93.1	108.3	125.5	163.3
Power Handling(W)	561	373	291	187	155	133	115	88

Construction

	Inner Conductor	Solid Silver-plated Copper	1.63mm
	Dielectric	PTFE	5.30mm
	Inner Shield	Silver-plated Copper Tape	5.55mm
	Outer Shield	Silver-plated Copper Braid	6.17mm
	Jacket	FEP Blue	7.00mm

Outline



Ordering Information

TH700 - 18 - NNF - 1

Cable Code

Operating Frequency(GHz)

RF Connectors(N: type-N)

NN: N male to N male

NNF: N male to N female

NFNF: N female to N female

Overall Length(meter(s))

For other connector options, contact factory.