QG360
Low Loss

Features:
* Low Insertion Loss
* Low VSWR

Applications:
* Telecom
* Interconnection between equipment

Electrical

Frequency:	DC~18GHz
Cut-off Frequency:	40GHz
Impedance:	50Ω
Velocity of Propagation:	76%
Shielding Effectiveness:	70dB min.
Voltage Withstand:	1000V DC

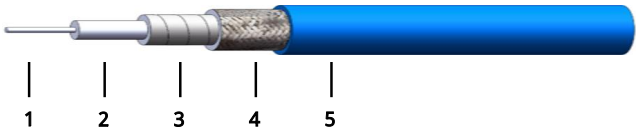
Mechanical

Bend Radius (installation):	18.0mm
Bend Radius (repeated):	36.0mm
Weight:	28g/m

Environmental

Temperature:	-55~+125°C

Construction



No.	Name	Size (mm)	Material
1	Inner Conductor	0.91	Silver-plated copper
2	Dielectric	2.65	Low density PTFE
3	Inner Shield	2.78	Self-adhesive aluminum foil
4	Outer Shield	3.25	Silver-plated copper braid
5	Jacket	3.60	FEP

Attenuation & Power Handling

Frequency (GHz)	0.3	0.5	1	3	6	10	12.4	18
Attenuation*1 (dB/100m)	21.0	27.2	38.7	67.7	96.9	126.4	141.5	172.3
Average Power*2 (W)	850	657	462	264	185	141	126	104

[1] VSWR:1.0; Ambient: +25°C (77°F)
[2] VSWR:1.0; Ambient: +40°C (104°F); Sea level

How To Order

QG360-X-Y-Z

X: Frequency in GHz
Y: Connector type
Z: Length in meters

Examples:
To order a QG360 cable assembly, DC-18GHz, N male to N female, 0.5 meter, specify QG360-18-NNF-0.5.

Connector naming rules:
2 - 2.4mm (50GHz, VSWR 1.4)
K - 2.92mm (40GHz, VSWR 1.35)
X - MMCX (40GHz, VSWR 1.35)
P - SMP (40GHz, VSWR 1.35)
3 - 3.5mm (33GHz, VSWR 1.35)
S - SMA (26.5GHz, VSWR 1.3)
N - N (18GHz, VSWR 1.25)
M - MCX (6GHz, VSWR 1.2)
B - BNC (4GHz, VSWR 1.25)

Female Connector - Add ‘F’ after connector name
Right Angle - Add ‘R’ after connector name (VSWR increase 0.1)