

CABLE DRAWING



Drawing Number 3600017403	Revision No 06	Status Released	Phase Production
Description RG 174 TPC HFJ		Habia Inspection Plan (HIP) HIP-G-302HIP-G-302	Page 1 of 1
Customer Product Number		Created by W.Guan	Approved by F. Luo
Customer Product Description		Creation Date 2020-07-07	Approval Date 2020-07-07

Intended Use	Primarily as transmission line in high frequency applications.	CE
Technical Data	Values at +20° C (nominal data)	Unit
Conductor Resistance	142	Ω/km
Insulation Resistance	>1500	MΩ x km
Test Voltage	4	KV DC
Voltage Rating	Max 1100	V AC
Capacitance	100	nF / km
Impedance	50 ±2	Ω
Attenuation	@ 400 MHz: 58	dB / 100m
Weight	Approx 16	g / m
Temperature Rating	-40/+80 withstand maximum 1800h, at 105°C	°C
Minimum bend radius	Single bend: 15 Multiple bend: 30	mm

All dimensions in mm, unless otherwise stated.

Pos	Description	Dimension	Overall Diameter	Remarks
1.	Tin plated copper conductor		0.48	7x0.16
2.	Dielectric of PE		1.52	
3.	Braided screen of tin plated copper wire	Wire Ø: 0.102	2.0	min 85% coverage.
4.	Jacket of HFS 80T, black		2.80	

