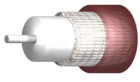
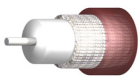


Coaxials // RGT

High temperature triaxial cables

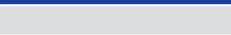

Intended for use primarily as a transmission line in high frequency applications


Description		Construction				Finished cable				
RGT	Silver Plated Copper (SPC)		PTFE	SPC braid	FEP	Weight	Voltage	Capacitance	Fixed MBR	
	Stranding	Conductor	Dielectric	Shield/s	Sheath/s					
50 Ohms	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	V AC	pF/m	mm	Article Number
RGT 393	7 x 0.81	2.43	7.24	In: 8.00 Out: 9.90	In: 9.00 Out: 11.10	290	1,900	94	-	3000039304
RGT 400	19 x 0.20	0.98	2.95	In: 3.50 Out: 4.80	In: 4.20 Out: 5.70	78	1,400	94	-	3000040002

Description		Construction				Finished cable				
RGT	Silver Plated Copper Covered Steel (SCCS)		PTFE	SPC braid	FEP	Weight	Voltage	Capacitance	Fixed MBR	
	Stranding	Conductor	Dielectric	Shield/s	Sheath/s					
50 Ohms	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	V AC	pF/m	mm	Article Number
RGT 178	7 x 0.10	0.30	0.84	In: 1.30 Out: 2.30	In: 1.80 Out: 2.80	20	900	94	-	3000017814
RGT 316	7 x 0.18	0.51	1.52	In: 2.00 Out: 2.95	In: 2.49 Out: 3.60	31	900	94	-	3000031604
RGT 403	7 x 0.10	0.30	0.84	In: 1.30 Out: 2.35	In: 1.88 Out: 2.95	21	500	94	-	3000040300
75 Ohms	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	V AC	pF/m	mm	Article Number
RGT 179	7 x 0.10	0.30	1.60	In: 2.05 Out: 3.00	In: 2.54 Out: 3.60	31	900	63	-	3000017903
95 Ohms	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	V AC	pF/m	mm	Article Number
RGT 180	7 x 0.10	0.30	2.59	In: 3.05 Out: 4.15	In: 3.58 Out: 4.80	53	1,000	50	-	3000018003

Attenuation (dB/100m at 20°C)							
Frequency (MHz)	RGT 178	RGT 179	RGT 180	RGT 316	RGT 393	RGT 400	RGT 403
30	25	15	12	15	4	8	26
100	46	28	21	27	7	15	50
400	93	56	43	54	14	31	95
1,000	148	86	69	86	23	50	151
2,500	237	144	112	139	39	82	240

Power (Watts at 40°C)							
Frequency (MHz)	RGT 178	RGT 179	RGT 180	RGT 316	RGT 393	RGT 400	RGT 403
30	274	511	803	621	6,573	2,008	438
100	150	280	440	340	3,600	1,100	240
400	75	140	220	170	1,800	550	120
1,000	47	89	139	108	1,138	348	76
2,500	30	56	88	68	720	220	48

Cable identification	
Dielectric: Natural	
Inner sheath: Natural	
Outer sheath: Brown-transparent	
Marking: RGT ### - Habia Cable - Article No. - Year-Week - Batchcode	

Characteristics and key properties								
	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU		All-round chemical resistance	Low smoke generation	Flame retardant	+200°C High temp
								-55°C Low temp

Data indicates nominal values in millimetres (mm) unless otherwise stated.

DISCLAIMER: Information is indicative and cannot be considered a binding representation or warranty for products and their use.

Valid at the time of publication, it is subject to change without notice.