

Triax

Flame retardant	IEC 60332-1-2 UL 1581 VW-1	Conductor	Silver Plated Copper (SPC) Silver Plated Copper Covered Steel (SCCS) Silver Plated High Strength Copper Alloy (HSA)	Dielectric	PTFE
Smoke generation	IEC 61034-2	Shield 1	Braid of Silver Plated Copper (S)	Sheath 1	FEP
Toxicity	IEC 60754-2	Shield 2		Sheath 2	
Frequency range	Up to 2.5 GHz	Identification			
Screening efficiency	-60 dB	Dielectric	Natural		
Velocity propagation	70 %	Sheath 1	Natural		
		Sheath 2	Brown-transparent		
		Marking	TYPE Habia Cable ORDER REFERENCE YEAR-WEEK BATCHCODE (e.g. RGT 179 Habia Cable 30000-179-03 2012-W20 121026001)		

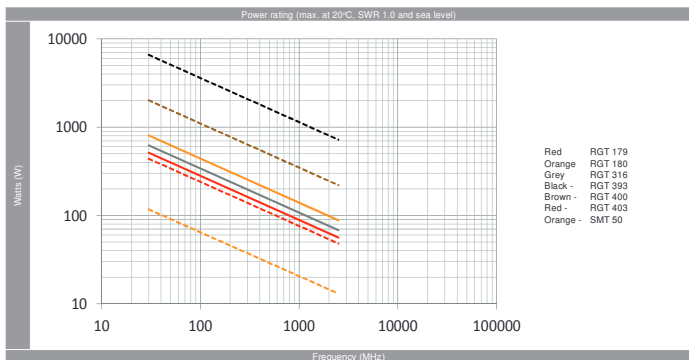
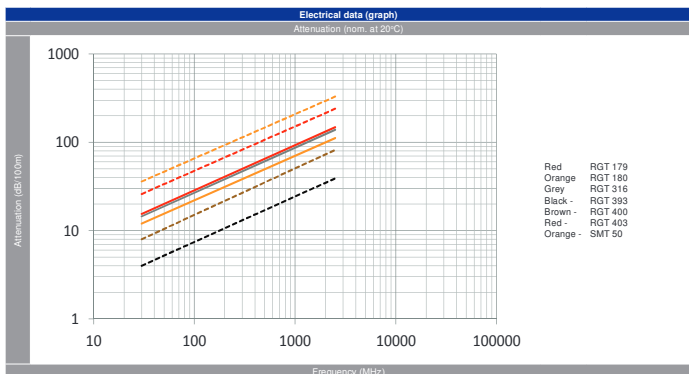
Description	Construction						Electrical			MBR	Article Number
	conductor material	conductor Ø	dielectric Ø	shield's Ø	sheath's Ø	weight g/m	V rms V DC	imp. Ω	cap. pF/m		
RGT 179	SCCS 7x 0.10	0.30	1.60	S: 2.05 S: 3.15	2.55 3.60	31	900 1,800	75	63	20 40	30000-179-03
RGT 180	SCCS 7x 0.10	0.30	2.60	S: 3.15 S: 4.40	3.60 4.80	53	1,000 2,000	95	50	25 50	30000-180-03
RGT 316	SCCS 7x 0.18	0.51	1.52	S: 2.05 S: 3.15	2.50 3.60	31	900 1,800	50	94	20 40	30000-316-04
RGT 393	SPC 7x 0.80	2.40	7.25	S: 7.95 S: 9.90	9.00 11.10	290	1,900 3,800	50	94	50 100	30000-393-04
RGT 400	SPC 19x 0.20	0.98	2.95	S: 3.55 S: 4.90	4.30 5.70	78	1,400 2,800	50	94	30 60	30000-400-02
RGT 403	SCCS 7x 0.10	0.30	0.84	S: 1.30 S: 2.35	1.90 2.95	21	500 1,000	50	94	15 30	30000-403-00
SMT 50	HSA 1x 0.16	0.16	0.52	S: 0.85 S: 1.35	1.00 1.60	7	400 800	50	94	8 16	30000-050-02

Electrical data (table)	Attenuation (dB/100m)						Power (W)					
	Frequency (MHz)						Frequency (MHz)					
	30	100	400	1,000	2,500	6,000	30	100	400	1,000	2,500	6,000
RGT 179	15	28	56	86	144	-	511	280	140	89	56	-
RGT 180	12	21	43	69	112	-	803	440	220	139	88	-
RGT 316	15	27	54	86	139	-	621	340	170	108	68	-
RGT 393	4	7	14	23	39	-	6,573	3,600	1,800	1,138	720	-
RGT 400	8	15	31	50	82	-	2,008	1,100	550	348	220	-
RGT 403	26	50	95	151	240	-	438	240	120	76	48	-
SMT 50	36	65	130	207	329	-	117	64	32	20	13	-

Ref: RG_T_04 Created: CJV Approved: AE Date: 2013-09-12
Data indicates nominal values unless stated otherwise, is only valid for reference purposes at the time of publication and is subject to change without prior notice.

Application

Triaxials are built up with a conductor, dielectric, braid and inner sheath, then a second braid and an outer sheath. In contrast to the RGD types as the second braid is separated from the first it can be used as an electrical screen.



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