

Popular RG Cables Specifications

Spezifikationen gängiger RG-Kabel

Cable Type	Imp. [Ω]	Inner Conductor			Dielectric		Outer Conductor			Cable Jacket		Attenuation in dB/100m at				Cable Group
		Dia. [mm]	Constr.	Mat.	Dia. [mm]	Mat.	Number of Shields	Dia. [mm]	Mat.	Dia. [mm]	Mat.	1	2	3	5GHz	
RG-6 A/U	75 ± 3	0.73	solid	Cu	4.7	PE	single	6.2	CuS	8.45	PVC ²	38	57	72	100	
RG-8 A/U	52 ± 2	2.19	strand	Cu	7.25	PE	single	8.1	Cu	10.3	PVC ²	29		62	91	
RG-11 A/U	75 ± 3	1.2	strand	CuZ	7.25	PE	single	8.1	Cu	10.3	PVC ²	29	47	61	88	G31
RG-58 C/U	50 ± 2	0.9	strand	CuZ	2.95	PE	single	3.6	CuZ	4.95	PVC ²	55	84	102	160	G1
RG-59 B/U	75 ± 3	0.6	solid	CW	3.7	PE	single	4.5	Cu	6.15	PVC ²	44	68	88	140	G2
RG-62 A/U	95 ± 5	0.67	solid	CW	3.7	PE-Luft	single	4.5	Cu	6.1	PVC ²	33	59	64	85	
RG-71 B/U	95 ± 3	0.67	solid	CW	3.7	PE-Luft	single	5	CuZ	6.3	PVC ²	33	59	64	85	
RG-141 A/U	50 ± 2	1	solid	CWS	2.95	PTFE	single	3.6	CuS	4.8	PTFE	48	70	87	125	
RG-142 B/U	50 ± 2	0.99	solid	CWS	2.95	PTFE	double	4.2	CuS	5	FEP	48	62	78	101	
RG-174/U	50 ± 2	0.48	strand	CW	1.5	PE	single	2	CuZ	2.6	PVC ¹	95	150	180	240	G7
RG-178 B/U	50 ± 2	0.3	strand	CWS	0.87	PTFE	single	1.4	CuS	1.85	FEP	110	121	126		G3
RG-179 B/U	75 ± 3	0.3	strand	CWS	1.55	PTFE	single	2	CuS	2.5	FEP	88	106	111		G4
RG-187 A/U	75 ± 3	0.3	strand	CWS	1.52	PTFE	single	2	CuS	2.8	PTFE	98	145	180	235	G4
RG-188 A/U	50 ± 2	0.51	strand	CWS	1.52	PTFE	single	2	CuS	2.7	PTFE	93	140	170	220	G7
RG-195 A/U	95-/+3	0.3	strand	CWS	2.6	PTFE	single	3.2	Cu	3.9	PTFE	76				
RG-196 A/U	50 ± 2	0.31	strand	CWS	0.86	PTFE	single	1.4	Cu	2	PTFE	170	220	285	470	G3
RG-212/U	50-/+2	5	solid	Cu	15.7	PTFE	single	16.7	Cu	18.5	PTFE	32	50	67	79	92
RG-213/U ^{a)}	50 ± 2	2.25	strand	Cu	7.25	PE	single	8.1	Cu	10.3	PVC ²	27	42	57	80	
RG-214/U ^{b)}	50 ± 2	2.25	strand	CuS	7.25	PE	double	8.7	CuS	10.8	PVC ²	27	42	57	80	
RG-217/U	50-/+2	2.7	solid	Cu	9.4	PE	single	11.2	Cu	13.85	PVC ²	21	34	47	58	68
RG-223/U	50 ± 2	0.89	solid	CuS	2.95	PE	double	4.2	CuS	5.4	PVC ²	49	75	95	135	G5
RG-303/U	50-/+2	1.5	solid	CWS	2.95	PTFE	single	3.6	CuS	4.3	FEP	48	70	88	100	122
RG-316/U	50 ± 2	0.51	strand	CWS	1.52	PTFE	single	2	CuS	2.6	FEP	88	105	110		G7
RD-316/U	50 ± 2	0.53	strand	CWS	1.52	PTFE	double	2.5	CuS	2.9	FEP	88	105	110		G8
RG-393/U	50 ± 2	2.46	strand	CuS	7.25	PTFE	double	8.7	CuS	9.9	FEP	25	37	47	60	
RG-400/U	50 ± 2	0.99	strand	CuS	2.95	PTFE	double	4.34	CuS	4.95	FEP	50	75	95	104	G5
RG-401/U	50 ± 0,5	1.64	solid	CW	5.46	PTFE	tube	6.35	Cu			22	33	42	58	G9
RG-402/U	50 ± 1	0.91	solid	CWS	3.02	PTFE	tube	3.58	Cu			45	53	68	90	G10
RG-405/U	50 ± 1,5	0.51	solid	CWS	1.68	PTFE	tube	2.19	Cu			67	95	125	165	G11

^{a)} = Replaced RG-8 A/U ^{b)} = Replaced RG-9 B/U

^{a)} = Ersetzte RG-8 A/U ^{b)} = Ersetzte RG-9 B/U

	Cu = copper	CW = copper covered steel wire	PE = -55 to +85°C	Imp. = Impedance
	S = silver plated	PVC ¹ = -40 to +80°C	PTFE = -55 to +250°C	Dia. = Diameter
	Z = tinned	PVC ² = -55 to +90°C	FEP = -55 to +200°C	Constr. = Construction
	Cu = Kupfer	CW = Kupfer beschichteter Stahldraht	PE = -55 bis +85°C	Mat. = Material
	S = versilbert	PVC ¹ = -40 bis +80°C	PTFE = -55 bis +250°C	strand = Litze
	Z = verzinkt	PVC ² = -55 bis +90°C	FEP = -55 bis +200°C	solid = ein massiver Innenleiter
				tube = Rohr

Typical values – for exact figures please check with your cable supplier

Typische Werte – für exakte Werte kontaktieren Sie Ihren Kabellieferanten