

## Coax Cable Types

Type	Order No.	Cable Group	Inner Conductor			Dielectric		Outer Conductor			Cable Jacket			Power [W] at 2 GHz	Screen Effectiveness [dB]	Velocity of Propagation [%]	Attenuation [dB/100 m] at ... GHz					Typ. Freq. up to [GHz]	Temp. Range [°C]		Min. Bend. Radius [mm]		Application	Remark	
			Ø [mm]	Design	Material	Ø [mm]	Material	Screen	Material	Ø [mm]	Material	Colour	1				2	3	4	5	6		min.	max.	single	multiple			
50 Ohm RG-Type single-braided outer conductor	0.24/0.68-1.13 Mini RF	L01020A0035	G43	0.24	stranded	CuS	0.68	FEP	single	CuS	1.13	FEP	gray	-	-	69	-	280	350	400	460	510	6	-40	+105	6	12	Electronics	UL-listed UL 1979
	RG-178	L01000A0001	G3	0.30	stranded	CWS	0.87	PTFE	single	CuS	1.85	FEP	brown transparent	35	>60	70	163	239	299	350	396	438	6	-55	+200	10	20	Measurement, Electronics, Mobile Radio, T°C	passes UL 94 V-0
	RG-316	L01000A0002	G7	0.51	stranded	CWS	1.52	PTFE	single	CuS	2.50	FEP	brown transparent	75	>60	70	91	132	163	190	214	235	6	-55	+200	15	30	Measurement, Electronics, Mobile Radio, T°C	passes UL 94 V-0
	RG-188	L01000A0010	G7	0.51	stranded	CWS	1.52	PTFE	single	CuS	2.60	PTFE	white	92	-	70	88	130	163	191	217	240	6	-55	+200	15	30	Mobile Radio, Electronics, Industry, T°C	-
	RG-174	L01000A0009	G7	0.48	stranded	CW	1.52	PE	single	CuZ	2.80	PVC	black	-	-	66	97	142	181	209	236	261	6	-20	+70	30	60	Automotive, Industry	-
	RG-174 UL	L01000E0009	G7	0.48	stranded	CW	1.50	PE	single	CuZ	2.65	PVC	black	-	-	66	110	171	220	264	303	340	6	-40	+85	10	20	Industry	UL-listed (E81280)
	RG-58 PVC	L01000A0003	G1	0.90	stranded	CuZ	2.95	PE	single	CuZ	4.95	PVC	black	-	-	66	59	87	108	126	143	157	6	-20	+70	25	50	Mobile Radio, Industry, Automotive	-
	RG-58 PE	L01000A0004	G1	0.90	stranded	CuZ	2.95	PE	single	CuZ	4.95	PE	black	40	-	66	71	102	127	148	166	183	6	-40	+85	25	50	Mobile Radio, Industry	-
	RG-58 PVC FR LS ZH UL	L01020A0025	G1	0.93	stranded	CuZ	2.85	PE	single	CuZ	4.90	FRNC	black	40	-	66	65	97	122	144	163	181	6	-40	+80	15	30	Mobile Radio	UL-Style 1375 (80°C/30V)
	X-bend 58 PUR	L01021A0020	G5	0.90	stranded	Cu	2.95	PP	single	Cu	5.40	PUR	black	20	-	66	58	85	105	123	139	153	2 moved	-20	+60	-	55 moved	Drag Chain Applications	Highly flexible
RG-213	L01002A0001	-	2,25	stranded	Cu	7,25	PE	single	Cu	10,30	PVC	black	140	>57 (100-900 MHz)	66	25	38	48	56	64	72	6	-55	+85	50	100	Military, Measurement, Mobile Radio, Industry	-	
RG-213 LS ZH	L01002H0001	-	2,25	stranded	Cu	7,25	PE	single	Cu	10,30	LSZH	black	140	>57 (100-900 MHz)	66	25	38	48	56	64	72	6	-30	+70	50	100	Military, Measurement, Mobile Radio, Industry	-	
50 Ohm RG Type double-braided outer conductor	RD-316	L01020A0009	G8	0.51	stranded	CWS	1.52	PTFE	double	CuS	2.90	FEP	brown transparent	90	>70	71	92	135	170	200	227	251	6	-55	+200	15	30	HF, Measurement, Mobile Radio, T°C	-
	RG-142	L01000A0007	-	0.94	solid	CWS	2.95	PTFE	double	CuS	5.00	FEP	brown transparent	200	-	70	49	73	93	110	126	140	6	-55	+200	30	120	HF, Military, Measurement, Mobile Radio, T°C	-
	RG-223	L01001A0003	G5	0.90	solid	CuS	2.95	PE	double	CuS	5.40	PVC	black	35	>78 (100-900 MHz)	66	49	73	91	104	117	130	6	-30	+70	25	50	HF, Military, Measurement, Mobile Radio	-
	RG-223 weiss	L01001B0003	G5	0.90	solid	CuS	2.95	PE	double	CuS	5.40	PVC	black	66	-	66	49	73	91	107	122	135	6	-30	+70	25	50	HF, Military, Measurement, Mobile Radio	-
	RG-223 LS ZH	L01001H0003	G5	0.90	solid	CuS	2.95	PE	double	CuS	5.40	LSZH	black	35	>78 (100-900 MHz)	66	49	73	91	107	122	135	6	-30	+70	25	50	HF, Military, Measurement, Mobile Radio	-
	RG-400	L01001A0006	G5	1.00	stranded	CWS	2.95	PTFE	double	CuS	4.95	FEP	brown transparent	-	-	70	58	-	106	-	-	-	6	-55	+200	25	50	HF, Military, Measurement, Mobile Radio, T°C	-
	RG-393	L01001A0007	-	2,40	stranded	CuS	7,25	PTFE	double	CuS	9,90	FEP	brown transparent	800	>80	70	23	34	-	-	-	-	6	-55	+200	50	100	HF, Military, Measurement, Mobile Radio, T°C	passes UL 94 V-0
	RG-214	L01002A0000	-	2,25	stranded	CuS	7,25	PE	double	CuS	10,80	PVC	black	100	>78 (100-900 MHz)	66	25	38	52	62	70	78	6	-30	+70	50	100	HF, Military, Measurement, Mobile Radio	-
RG-214 LS ZH	L01002H0000	-	2,25	stranded	CuS	7,25	PE	double	CuS	10,80	LSZH	black	100	>78 (100-900 MHz)	66	25	38	52	-	-	-	6	-30	+70	50	100	HF, Military, Measurement, Mobile Radio	-	
50 Ohm Low Loss foil and braid as outer conductor	Low Loss 100 Flex FR ZH	L01020C0026	G7	0.48	stranded	Cu	1,50	PE	double	Tape Al-PET-Al + CuZ	2,80	FRNC	black	15	>90	66	83	120	148	173	194	214	6	-20	+75	15	30	HF, Military, Measurement, Mobile Radio, Industry	-
	Low Loss 195	L01020A0023	G1	0.95	solid	Cu	2,80	PE foam	double	Tape Al-PET-Al + CuZ	5,00	PVC	black	100	>85 (100-900 MHz)	75	40	57	70	81	91	100	6	-30	+70	25	50	HF, Military, Measurement, Mobile Radio, Industry	-
	Low Loss 195 FR LS ZH UL	L01020B0023	G1	0.95	solid	Cu	2,80	PE foam	double	Tape Al + CuZ	5,00	FRPE	black	100	>90	80	40	57	70	81	91	100	6	-40	+85	15	50	HF, Military, Measurement, Mobile Radio, Industry	UL/CSA Rated CMR/MPR (PCC-FT4), UL-1666, E170516
	Low Loss 240	L01021A0017	G30	1,40	solid	Cu	3,80	PE foam	double	Tape Al-PET-Al + CuZ	6,10	PVC	black	180	>90 (100-900 MHz)	84	26	38	47	55	62	69	6	-30	+70	30	60	HF, Military, Measurement, Mobile Radio, Industry	-
	Low Loss 240 FR LS ZH	L01021A0018	G30	1,40	solid	Cu	3,80	PE foam	double	Tape Al + CuZ	6,10	HFS80T	black	170	>90	81	27	38	47	-	-	65	6	-40	+85	60	120	HF, Military, Measurement, Mobile Radio, Industry	passes UL 94 V-0
	Low Loss 240 Flex	L01021A0005	G30	1,40	stranded	Cu	3,90	PE foam	double	Tape Al-PET-Al + CuZ	5,40	PE	black	50	>85 (80-1000 MHz)	80	32	45	56	64	72	79	6	-30	+70	60	120	HF, Military, Measurement, Mobile Radio, Industry	-
	Low Loss 400 ZH	L01022C0010	G37	2,74	solid	Cu	7,24	PE foam	double	Tape Al-PET + CuZ	10,30	LSZH	black	370	>90 (100-1000 MHz)	85	14	20	25	29	32	36	6	-40	+85	50	100	HF, Military, Measurement, Mobile Radio, Industry	-
	Low Loss 400 FR LS ZH UL	L01022A0003	G37	2,74	solid	AlCu	7,24	PE foam	double	Tape Al + CuZ	10,29	FRPE	black	370	>90	85	14	20	25	29	33	36	6	-40	+85	25	100	HF, Military, Measurement, Mobile Radio, Industry	UL/CSA Rated CMR/MPR (PCC-FT4), UL-1666, E170516
Low Loss 400 Flex	L01022A0017	G37	2,70	stranded	Cu	7,24	PE foam	double	Tape Al-PET + CuZ	10,30	PUR	black	-	>90 (100-1000 MHz)	80	17	23	-	-	-	-	6	-40	+85	50	100	HF, Military, Measurement, Mobile Radio, Industry	-	
Low Loss 400 Rail FR LS ZH	L01022A0023	G37	2,74	solid	AlCu	7,30	PE foam	double	Tape Cu + Cu	10,10	FR LSZH	black	410	>85	85	13	20	25	28	34	37	11	-40	+85	25	50	HF, Rail, Mobile Radio	Railway approved	
50 Ohm Semi Flex tin-soaked single braided outer conductor	Semi Flex .85	L01030A0001	G11	0,54	solid	CWS	1,68	PTFE	single	CuZ	-	-	-	80	>110 (1000-9000 MHz)	70	73	108	135	159	180	200	18	-65	+180	6	25	HF, Measurement, Mobile Radio, Industry	-
	Semi Flex .85 (FEP-Mantel)	L01030A0023	G11	0,54	solid	CWS	1,68	PTFE	single	CuZ	2,50	FEP	blue transparent	80	>110 (1000-9000 MHz)	70	73	108	135	159	180	200	18	-65	+180	6	25	HF, Measurement, Mobile Radio, Industry	-
	Semi Flex .141	L01030A0000	G10	0,94	solid	CuS	2,95	PTFE	single	CuZ	-	-	-	290	>110	70	42	62	78	92	105	116	18	-65	+180	10	40	HF, Measurement, Mobile Radio, Industry	-
	Semi Flex .141 (FEP-Mantel)	L01030A0021	G10	0,94	solid	CuS	2,95	PTFE	single	CuZ	4,10	FEP	blue transparent	290	>110	70	42	62	78	92	105	116	18	-65	+180	10	40	HF, Measurement, Mobile Radio, Industry	-
	Semi Flex .250	L01031A0000	G9	1,67	solid	CuS	5,31	PTFE	single	CuZ	-	-	-	730	>110	70	25	38	49	58	66	74	18	-65	+180	40	120	HF, Measurement, Mobile Radio, Industry	-
50 Ohm Further Cable Types	0.45L/1.4 PVC	L01020A0001	-	0,45	stranded	Cu	1,40	PE	double	conductive PVC + Cu	2,90	PVC	black	-	-	66	95	-	-	-	-	-	-20	+70	15	30	Textile-, Pharma-, Food-Industry	pH-Electrodes	
	Low Loss SLL-174	L01020A0015	-	0,61	stranded	Cu	1,60	PE foam	double	Tape Al-PET-Al + CuZ	3,00	PVC	black	-	-	78	71	102	126	-	-	-	3	-20	+60	12	24	HF, Industry	-
75 Ohm RG-Type single-braided outer conductor	RG-179	L01000A0000	G4	0,30	stranded	CWS	1,60	PTFE	single	CuS	2,55	FEP	brown transparent	65	>60	70	92	131	161	187	209	230	6	-55	+200	15	30	Audio/Video, Medicine, T°C	passes UL 94 V-0
	RG-59	L01001A0001	G2	0,60	solid	CW	3,70	PE	single	Cu	6,15	PVC	black	-	-	66	43	63	78	91	103	113	6	-40	+80	30	90	Audio/Video	-
	RG-59 ZH	L01001A0011	G2	0,58	solid	CW	3,70	PE	single	Cu	6,10	HFM4	black	-	-	66	39	-	-	-	-	-	6	-20	+70	30	90	Audio/Video	-
75 Ohm Low Loss foil and braid as outer conductor	Low Loss HD 0.6/2.8 FR NC	L01020A0038	G41	0,60	solid	Cu	2,80	PE foam	double	Tape Al-PET-Al + CuZ	4,50	FRNC	green	-	>100	78	36	52	64	74	83	91	6	-20	+60	25	50	HF, Audio/Video, HDTV	-
	Low Loss HD 0.8/3.7 FR NC	L01021A0023	G39	0,80	solid	Cu	3,70	PE foam	double	Tape Al-PET-Al + CuZ	5,90	FRNC	green	-	>100	78	28	40	50	59	66	73	6	-20	+60	40	80	HF, Audio/Video, HDTV	-
	Low Loss HD 1.0/4.8 FR NC	L01021A0024	G27	1,00	solid	Cu	4,80	PE foam	double	Tape Al-PET-Al + CuZ	7,00	FRNC	green	-	>100	78	23	34	43	50	57	63	6	-20	+60	45	90	HF, Audio/Video, HDTV	-
	Low Loss HD 1.6/7.3 FR NC	L01022A0014	G48	1,60																									