

Cable overview

Name	TG-Number	Cable Group	Imped. [Ohm]	Inner Conductor			Dielectric		Outer Conductor			Cable Jacket			Attenuation @ GHz				Power @2GHz [W]	Screening effectiveness [dB]	Velocity ratio [%]	Temperature range [°C]	
				∅ [mm]	Constr.	Material	∅ [mm]	Material	∅ [mm]	Shields	Material	∅ [mm]	Material	Colour	1	2	3	5				min.	max.
50 Ohm, 0.24/0.68-1.13 UMTc, Mini RF	L01020A0035	---	50	0,24	solid	CuS	0,68	FEP	0,90	single	CuS	1,13	FEP	grey	---	280	350	460	---	---	69	-40	150
50 Ohm, RG-178 (G3)	L01000A0001	G3	50	0,30	strand	CWS	0,87	PTFE	---	single	CuS	1,85	FEP	brown	163	239	299	396	34	>60	70	-55	200
50 Ohm, RG-316 (G7)	L01000A0002	G7	50	0,51	strand	CWS	1,52	PTFE	---	single	CuS	2,50	FEP	brown	91	132	163	214	76	>60	70	-55	200
50 Ohm, RG-188 (G7)	L01000A0010	G7	50	0,51	strand	CWS	1,52	PTFE	---	single	CuS	2,60	PTFE	white	88	130	163	217	92	---	70	-55	200
50 Ohm, RG-174 (G7)	L01000A0009	G7	50	0,48	strand	CW	1,52	PE	---	single	CuZ	2,80	PVC	black	97	142	178	236	---	---	66	-20	70
50 Ohm, RD-316 (G8)	L01020A0009	G8	50	0,51	strand	CWS	1,52	PTFE	---	double	CuS	2,90	FEP	brown	92	135	170	227	92	---	71	-55	200
50 Ohm, RG-58 PVC (G1)	L01000A0003	G1	50	0,90	solid	CuZ	2,95	PE	---	single	CuZ	4,95	PVC	black	59	87	108	143	---	---	66	-20	70
50 Ohm, RG-58 PE (G1)	L01000A0004	G1	50	0,90	strand	CuZ	2,95	PE	---	single	CuZ	4,95	PE	black	71	102	127	166	---	---	66	-55	85
50 Ohm, RG-400 unleaded (G5)	L01001A0006	G5	50	1,00	strand	CuS	2,95	PTFE	---	double	CuS	4,95	FEP	---	---	---	---	---	---	---	69	-55	200
50 Ohm, RG-142	L01000A0007	---	50	0,94	solid	CWS	2,95	PTFE	---	double	CuS	5,00	FEP	---	49	73	93	126	197	---	70	-40	180
50 Ohm, RG-223 (G5)	L01001A0003	G5	50	0,90	solid	CuS	2,95	PE	---	double	CuS	5,40	PVC	black	48	71	89	117	---	>75 @ 100-900 MHz	66	---	---
50 Ohm, RG-223 LSZH (G5)	L01001H0003	G5	50	0,90	solid	CuS	2,95	PE	---	double	CuS	5,40	LSZH	black	49	73	91	122	---	>70 @ 100-900 MHz	66	---	---
50 Ohm, RG-214	L01002A0000	---	50	2,25	strand	CuS	7,25	PE	---	double	CuS	10,80	PVC	black	28	42	53	70	---	>75 @ 100-900 MHz	66	---	---
50 Ohm, RG-213	L01002A0001	---	50	2,25	strand	Cu	7,25	PE	---	single	Cu	10,30	PVC	black	25	38	48	64	---	>55 @ 100-900 MHz	66	-55	85
50 Ohm, Low Loss 100 flex FR ZH (G7)	L01020C0026	G7	50	0,48	strand	Cu	1,50	PE	---	double	foil Al - PET - Al + CuZ	2,80	FRNC	---	83	120	148	194	13	>90	66	-20	75
50 Ohm, Low Loss 195 - 0.9/2.9 (G1)	L01020A0023	G1	50	0,95	solid	Cu	2,80	PE foam	---	double	Al-Tape + CuZ	5,00	PE	black	40	57	70	91	104	>85	80	-30	70
50 Ohm, Low Loss 195 FR LSZH-UL (G1)	L01020B0023	G1	50	0,95	solid	Cu	2,80	PE foam	---	double	Al-Tape + CuZ	5,00	FRPE	black	40	57	70	91	104	>90	80	-40	85
50 Ohm, Low Loss 240 flex (G30)	L01021A0005	G30	50	1,40	strand	Cu	3,90	PE foam	---	double	foil Al - PET - Al + CuZ	5,40	PE	black	32	45	56	72	53	>85 @ 30-1000 MHz	80	-40	70
50 Ohm, Low Loss 240 (G30)	L01021A0017	G30	50	1,40	solid	Cu	3,80	PE foam	---	double	tape Al - Polyester - Al + CuZ	6,10	PVC	black	26	38	47	62	---	>90 @ 100-900 MHz	84	---	---
50 Ohm, Low Loss 240 FR LSZH (G30)	L01021A0018	G30	50	1,42	solid	Cu	3,81	PE foam	4,50	double	Al-PET-foil + CuZ	6,10	FR ZH LS	black	27	38	47	---	170	typ. 90	84	-25	80
50 Ohm, Low Loss 400 ZH (G37)	L01022C0010	G37	50	2,74	solid	Cu	7,24	PE	8,20	double	Al-PET-foil + CuZ	10,30	PE	black	14	20	25	34	---	>90 @ 100-1000 MHz	85	-40	85
50 Ohm, Low Loss 400 flex (G37)	L01022A0017	G37	50	2,70	strand	Cu	7,24	PE foam	---	double	Al-PET-foil + CuZ	10,30	PE	black	16	23	28	38	360	90	80	-40	85
50 Ohm, Semi Flex .85 (Unsheathed) (G11)	L01030A0001	G11	50	0,54	solid	CWS	1,68	PTFE	2,15	single	CuZ	---	---	---	73	108	135	180	79	> 110 @ 1000-9000 MHz	70	-65	180
50 Ohm, Semi Flex .85 (Blue transp.) (G11)	L01030A0023	G11	50	0,54	solid	CWS	1,68	PTFE	2,15	single	CuZ	2,50	FEP	blue	73	108	135	180	79	> 110 @ 1000-9000 MHz	70	-65	180
50 Ohm, Semi Flex .141 (Unsheathed) (G11)	L01030A0000	G10	50	0,94	solid	CuS	2,95	PTFE	3,58	single	CuZ	---	---	---	42	62	78	105	266	>130	70	-65	180
50 Ohm, Semi Flex .141 (Blue transp.) (G11)	L01030A0021	G10	50	0,94	solid	CuS	2,95	PTFE	3,58	single	CuZ	4,10	FEP	blue	42	62	78	105	266	>130	70	-65	180
50 Ohm, TestLine 5 LL 18GHz	L01021A0021	---	50	-1,4	solid	CuS	-4,2	PTFE	- 4,8	double	CuS	5,40	FEP	blue	14	23	30	42	---	---	76	-55	125
75 Ohm, RG-179 (G4)	L01000A0000	G4	75	0,30	strand	CWS	1,60	PTFE	---	single	CuS	2,55	FEP	brown	92	131	161	209	63	>60	70	-55	200
75 Ohm, RG-187 (G4)	L01000A0016	G4	75	0,30	strand	CWS	1,60	PTFE	---	single	CuS	2,66	PFA	---	---	---	---	---	---	---	---	-55	200
75 Ohm, 0.5/2.95 - 75 Ohm (G15)	L01020A0017	G15	75	0,50	solid	Cu	2,95	PE	---	double	Conductive PVC + Cu	5,00	PVC	black	---	---	---	---	---	---	66	-20	70
75 Ohm, RG-59 (G2)	L01001A0001	G2	75	0,60	solid	CW	3,70	PE	---	single	Cu	6,15	PVC	black	43	63	78	103	---	---	66	-40	80
75 Ohm, RG-59 ZH (G2)	L01001A0011	G2	75	0,58	solid	CW	3,70	PE	---	single	Cu	6,10	MH4	black	39				---	---	66	-20	70
75 Ohm, 0.45/2.0 (G50)	L01020A0024	G50	75	0,45	solid	Cu	1,95	PE cellular	---	double	Al-plated foil + Cu	3,40	FRNC	---	62	88	109	141	---	>75	85	-40	75
75 Ohm, HD 0.6/2.8 (G41)	L01020A0038	G41	75	0,60	solid	Cu	2,80	PE foam	3,40	double	Al-plated foil + Cu	4,50	FRNC	green	36	52	64	83	---	>100	78	---	---

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				∅ [mm]	Constr.	Material	∅ [mm]	Material	∅ [mm]	Shields	Material	∅ [mm]	Material	Colour	[dB / 100m]										
75 Ohm, HD 0.8/3.7 (G2)	L01021A0023	G2	75	0,80	solid	Cu	3,70	PE foam	4,50	double	Al-plated foil + Cu	5,90	FRNC	green	28	40	50	66	---	>100	78	---	---		
75 Ohm, HD 1.0/4.8 (G27)	L01021A0024	G27	75	1,00	solid	Cu	4,80	PE foam	5,60	double	Al-plated foil + Cu	7,00	FRNC	green	23	34	43	57	---	>100	78	---	---		
75 Ohm, HD 1.6/7.3 (G48)	L01022A0014	G48	75	1,60	solid	Cu	7,30	PE foam	8,20	double	Al-plated foil + Cu	10,30	FRNC	green	16	25	32	43	---	>100	78	---	---		
<b>Additional cables</b>																									
50 Ohm, RG-58 PVC UL FR LSZH (G1)	L01020A0025	G1	50	0,90	strand	CuZ	2,85	PE	3,40	single	CuZ	4,90	FRNC	black	65	97	122	163	38	---	66	-40	80		
50 Ohm, X-bend 58 PUR (G1)	L01021A0020	G1	50	0,90	strand	CuZ	2,95	PP	3,50	single	Cu	5,40	PUR	black	58	85	105	139	85	---	---	-20	60		
50 Ohm, RG-223 white (G5)	L01001B0003	G5	50	0,90	solid	CuS	2,95	PE	---	double	CuS	5,40	PVC	black	48	71	89	117	---	>75 @ 100-900 MHz	66	---	---		
50 Ohm, RG-393 unleaded	L01001A0007	---	50	2,40	strand	CuS	7,25	PTFE	---	double	CuS	9,90	FEP	braun	23	34	-	-	805	>80	70	-55	200		
50 Ohm, Semi Flex .250 (Unsheathed) (G9)	L01031A0000	G9	50	1,68	solid	CuS	5,31	PTFE	6,35	single	CuZ	---	---	---									-65	180	
50 Ohm, TestLine 4 LL 40GHz	---	---	50		strand			PTFE				4,20	FEP	blue										-55	135
<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>Cu = Copper CW = copper covered steel wire S = silver plated Z = tinned Al = Aluminium</p> </div> <div style="width: 20%;"> <p>Cu = Kupfer CW= Kupfer-beschichteter Stahldraht S = versilbert Z = verzinkt Al = Aluminium</p> </div> <div style="width: 20%;"> <p>strand = Litze solid = Solid inner conductor</p> </div> <div style="width: 20%;"> <p>single = einfach double = doppelt triple = dreifach foil = Folie tape = Band</p> </div> </div>																									