

Cable Group Dimensions / Cable-Types

Kabelgruppendimensionen / Kabel-Type

The following table can be used to assign a previously non-listed coaxial cable to one of our cable groups (see fold-out sleeve on the back of the catalogue). Here it is necessary to check whether the outer diameters of the inner conductors, of the dielectric, of the outer conductor and of the cable outer jacket fall within the tolerances shown.

Die folgende Tabelle dient der Zuordnung von bisher nicht gelisteten Koaxialkabeln in unsere Kabelgruppen (siehe Umklapper auf der Katalogrückseite). Zur Eingruppierung ist zu prüfen, ob die Durchmesser von Innenleiter, Dielektrikum, Außenleiter und Mantel in die angegebenen Toleranzen fallen.

Cable Group (example)	Impedance [Ω]	Inner Conductor		Dielectric		1. Braid (Tube)		2. Braid		Cable Jacket	
		Dia. [mm]	Tol. [mm]	Dia. [mm]	Tol. [mm]	Dia. [mm]	Tol. [mm]	Dia. [mm]	Tol. [mm]	Dia. [mm]	Tol. [mm]
G43 (0.24/0.68)	50	0.2	+/-0.03	0.6	+/-0.1	0.9	+/-0.13			1.2	+/-0.1
G34 (UT-47)	50	0.3	+/-0.03	0.9	+0.1/-0.15	1.2	+/-0.1				
G3 (RG-178 B/U)	50	0.3	+/-0.05	0.85	+/-0.1	1.3	+/-0.15			1.9	+/-0.2
G4 (RG-179 B/U)	75	0.3	+/-0.05	1.5 *	+/-0.2	2	+/-0.2			2.7	+/-0.3
G49 (0.3/1.6D)	75	0.3	+/-0.05	1.6	+/-0.15	2	+/-0.15	2.5	+/-0.15	3	+/-0.3
G12 (0.315/1.95-3.7)	75	0.3	+/-0.05	1.95	+/-0.1	2.4	+/-0.1	2.9	+/-0.25	3.55	+/-0.15
G13 (0.4/2.5)	75	0.4	+/-0.05	2.4 *	+/-0.25	2.85	+/-0.15			3.8	+/-0.4
G19 (PSF 1/7M)	75	0.4	+/-0.1	1.8	+/-0.1	2.2	+/-0.1			2.8	+/-0.3
G29 (0.45/1.4)	50	0.45	+/-0.03	1.4	+/-0.1	2.2 ¹⁾	+/-0.2			2.9	+/-0.2
G50 (0.45/2.0-3.4)	75	0.45	+/-0.05	1.9	+/-0.1	2.15	+/-0.15	2.5	+/-0.15	3.4	+/-0.2
G7 (RG-316/U)	50	0.5	+/-0.03	1.5	+/-0.15	1.95	+/-0.15			2.7	+/-0.3
G8 (RD-316)	50	0.5	+/-0.03	1.5	+/-0.15	1.95	+/-0.15	2.35	+/-0.2	3	+/-0.3
G11 (UT-85)	50	0.5	+/-0.05	1.6	+0.1/-0.05	2.2	+/-0.05				
G14 (0.5/2.0-4.6)	50	0.5	+/-0.03	2	+/-0.1	2.8 ²⁾	+/-0.1			4.6	+/-0.4
G15 (0.5/2.95)	75	0.5	+/-0.03	2.95	+/-0.1	3.95 ³⁾	+/-0.15			5	+/-0.2
G41 (0.6/2.8-4.7)	75	0.6	+0.03/-0.05	2.9 *	+/-0.15	3.5	+/-0.1			4.7	+/-0.5
G2 (RG-59B/U)	75	0.6	+/-0.1	3.4	+/-0.4	4.2	+/-0.4			6	+/-0.5
G16 (0.6/3.7D)	75	0.6	+0.05	3.75	+/-0.1	4.3	+/-0.05	4.9	+/-0.05	6.3	+/-0.3
G17 (0.8/4.9DZ)	75	0.8	+/-0.05	4.9	+/-0.15	5.7	+/-0.1	6.3	+/-0.1	7.5	+/-0.3
G35 (0.8/3.7-7.3)	75	0.8	+/-0.05	3.8 *	+/-0.08	4.4	+/-0.1			7.3	+/-0.3
G39 (0.8/3.7-6.15)	75	0.8	+/-0.05	3.8 *	+/-0.1	4.5	+/-0.1			5.9	+/-0.4
G1 (RG-58 C/U)	50	0.9	+0.1	2.9 *	+0.1/-0.3	3.6	+/-0.15			4.95	+/-0.25
G10 (UT-141)	50	0.9	+/-0.05	2.95	+/-0.05	3.5	+/-0.1				
G5 (RG-223/U)	50	0.95	+/-0.08	2.95	+/-0.1	3.6	+/-0.15	4.25	+/-0.15	5.2	+/-0.4
G6 (RG-303/U)	50	0.95	+/-0.05	2.95	+/-0.1	3.6	+/-0.15			4.3	+/-0.2
G27 (1.0/4.6-6.7)	75	1	+/-0.02	4.65 *	+/-0.1	5.15	+/-0.1			6.75	+/-0.25
G51 (1.0/4.6-7.7)	75	1.02	+/-0.02	4.65 *	+/-0.1	5.15	+/-0.1	5.6 ⁴⁾	+/-0.15	7.6	+/-0.25
G44 (1.1/2.95)	50	1.1	+/-0.07	3 *	+/-0.08	3.6	+/-0.15			4.95	+/-0.25
G40 (1.2/4.9)	75	1.15	+/-0.06	5 *	+/-0.07	5.6	+/-0.1			6.8	+/-0.2
G31 (RG-11 A/U)	75	1.2	+/-0.03	7.25	+/-0.15	8	+/-0.2			10.3	+/-0.3
G32 (RG-216/U)	75	1.2	+/-0.03	7.25	+/-0.15	8	+/-0.2	8.6	+/-0.2	10.8	+/-0.3
G30 (1.5/3.8)	50	1.42	+/-0.05	3.95 *	+/-0.15	4.55	+/-0.2			5.9	+/-0.4
G48 (1.6/7.3)	75	1.6	+/-0.05	7.3 *	+0.1/-0.25	8.1	+/-0.25			10.1	+/-0.4
G9 (UT-250)	50	1.63	+/-0.05	5.3	+/-0.1	6.35	+/-0.1				
G42 (2.7/7.1)	50	2.65	+/-0.07	7.2 *	+/-0.2	7.85	+/-0.25			10.3	+/-0.3
G37 (2.7/7.25)	50	2.75	+/-0.05	7.4 *	+/-0.15	8.1	+/-0.15			10.3	+/-0.2
G46 (4.2/11.5)	50	4.2	+/-0.03	11.6 *	+/-0.15	12.5	+/-0.15			14.7	+/-0.5
G47 (4.5/11.5)	50	4.47	+/-0.05	11.7 *	+/-0.15	12.45	+/-0.15			15	+/-0.2

i * Including Foil
¹⁾ Remove PVC Foil (1.8+/-0.15)
²⁾ Remove PVC Foil (2.4+/-0.1)
³⁾ Remove PVC Foil (3.2+/-0.1)
⁴⁾ Remove Foil (5.5+/-0.1)

* Inklusive Folie
¹⁾ PVC-Folie entfernt (1.8 +/-0.15)
²⁾ PVC-Folie entfernt (2.4 +/-0.1)
³⁾ PVC-Folie entfernt (3.2 +/-0.1)
⁴⁾ Folie entfernt (5.5 +/-0.1)

We accept no liability for faults and errors. Irrtümer und Fehler vorbehalten.