

Coaxial Cables

No. of Cond.	Material	Stranded (mm)	Solid (mm)	Nom. Imp. Ohm	CDR Diameter (mm)	Braid			Double Braid			Cu-foil/Braid		
						Part No.		Page	Part No.		Page	Part No.		Page
30 AWG		0.30	0.25											
1	TCB	7x38		75	0.31	7500A	95% TC	18.38						
	SPCSW	7x0.10		50	0.30	MRG178	96% SPC	6.3						
	SPCSW	7x0.10		75	0.30	MRG179	95% SPC	6.5						
	SPCSW	7x0.10		95	0.30	MRG180	91% SPC	6.6						
	SPCSW	7x0.10		75	0.30	MRG187	95% SPC	6.5						
	SPCSW	7x0.10		95	0.30	MRG195	91% SPC	6.6						
	SPCSW	7x0.10		50	0.30	MRG196	96% SPC	6.3						
2	TC	7x38		75	0.31	1808A	90% TC	21.12						
3	TC	7x38		75	0.30									
4	TC	7x38		75	0.30									
5	TC	7x38		75	0.30									
29 AWG			0.28											
1	SPCCS		solid	50	0.28	1674A•	100% CT	9.32						
28.5 AWG			0.30											
1	BC		solid	75	0.31									
26 AWG		0.50	0.40											
1	CCS		solid	75	0.40									
	SPCSW	7x0.17		50	0.51	MRG188	96% SPC	6.3						
	SPCSW	7x0.17		50	0.51	MRG316	95% SPC	6.3						
3	BC	7x34		75	0.48									
4	BC	7x34		75	0.48									
5	BC	7x34		75	0.48									
25 AWG		0.55	0.45											
1	BC	19x37		75	0.53									
	BC	19x38		75	0.48	7501A	95% TC	18.38						
	BC		solid	50	0.46									
3	TC		solid	75	0.46									
	TC		solid	75	0.46									
4	TC		solid	75	0.46									
	TC		solid	75	0.46									
5	TC		solid	75	0.46									
	TC		solid	75	0.46									
6	TC		solid	75	0.46									
	TC		solid	75	0.46									
24 AWG			0.50											
1	BC		solid	50	0.50									
	SPCCS		solid	50	0.50	1671A•	100% CT	9.32						
23 AWG			0.58											
1	BC		solid	75	0.58									
	CCS		solid	75	0.58	8241	95% BC	19.25						
	BC		solid	75	0.58				BE43187	90% TC + 85% TC	19.28			
	BC		solid	75	0.58				H106T00	92% TC	9.26			
	BC		solid	75	0.58				H106T01	92% TC	9.26			
	CCS		solid	75	0.58	MRG5900	95% BC	9.26						

• Composite Braid

Coaxial Cables

No. of Cond.	Material	Stranded (mm)	Solid (mm)	Nom. Imp. Ohm	CDR Diameter (mm)	Braid			Double Braid			Cu-foil/Braid		
						Part No.		Page	Part No.		Page	Part No.		Page
23 AWG		0.58		<i>(continued)</i>										
3	BC		solid	75	0.58									
	TC		solid	75	0.58									
4	TC		solid	75	0.58									
5	BC		solid	75	0.58									
	TC		solid	75	0.58									
6	BC		solid	75	0.58									
	TC		solid	75	0.58									
10	TC		solid	75	0.58									
12	TC		solid	75	0.58									
22 AWG		0.80		0.60										
1	BCC	7x29		75	0.76				1505F	98% TC	19.28 21.12			
	TC		solid	75	0.64									
	BC	19x34		75	0.79	7502A	95% TC	18.38						
	BC	7x30		75	0.76	9259	95% BC	19.25						
	BC		solid	75	0.65									
	BC		solid	75	0.65									
	BC		solid	75	0.65									
	SPCSW		solid	75	0.64	MRG140	95% SPC	6.5						
	SPCSW		solid	75	0.64	MRG302	95% SPC	6.5						
20 AWG		0.90		0.80										
1	BC		solid	75	0.81									
	BC		solid	75	0.81									
	SPC	19x0.36		75	0.99				7783AF*	90% SPC + 80% BC	19.23			
	BC		solid	75	0.81				8281	98% TC	19.25			
	SPCCS		solid	75	0.81									
	TC	19x32		50	0.94									
	TC	19x32		50	0.94									
	TC	19x32		50	0.94									
	BC		solid	75	0.80									
	BC		solid	75	0.80									
	BC		solid	75	0.80									
	BC		solid	75	0.80									
	BC		solid	75	0.80							H121C00	45% BC	9.24
2	BC		solid	75	0.80									
3	BC		solid	75	0.81									
	BC		solid	75	0.81									
4	BC		solid	75	0.81									
5	BC		solid	75	0.81									
	BC		solid	75	0.81									
6	BC		solid	75	0.81									
10	BC		solid	75	0.81									
19 AWG		1.00		0.90										
1	SPCCS		solid	50	0.90	1673A*	100% CT	9.32						
	BC	7x27		75	1.00				1694F	99% TC	19.29			
	BC		solid	50	0.90									
	SPCSW		solid	50	0.94	MRG303	95% SPC	6.3						
	SPCSW		solid	50	0.94				MRG142	96% SPC	6.3			
	TC	19x0.18		50	0.91	MRG5800	93% TC	9.31						

• Composite Braid
* Triax

Coaxial Cables

Duobond®/Braid			Duobond® II/Braid			Duobond® IV			Duobond Plus®/Braid			Duofoil®/Braid			Beldfoil®/Braid		
Part No.		Page	Part No.		Page	Part No.		Page	Part No.		Page	Part No.		Page	Part No.		Page
23 AWG																	
												1855S3	95% TC	19.33			
												7787A	95% TC	19.31			
												7788A	95% TC	19.31			
												1855S5	95% TC	19.33			
												7789A	95% TC	19.31			
												1855S6	95% TC	19.33			
												7790A	95% TC	19.31			
												7791A	95% TC	19.31			
												7792A	95% TC	19.31			
22 AWG																	
												1855ENH	90% TC	19.27			
												H123A00	44% TC	9.25			
												H123A01	88% TC	9.25			
												H123A02	88% TC	9.25			
20 AWG																	
												1505A	95% TC	19.28			
												1505ANH	95% TC	19.28			
									9167	95% AL	9.26						
			9907	93% TC	15.69 18.12												
			82907	93% TC	15.69												
			89907	93% TC	18.12 15.69												
												H121A00	40% TC	9.24			
												H121A01	40% TC	9.24			
												H121A03	75% TC	9.24			
												H121A04	75% TC	9.24			
												H121A02	40% TC	9.25			
												1505S3	95% TC	19.34			
												7794A	95% TC	19.32			
												7795A	95% TC	19.32			
												1505S5	95% TC	19.34			
												7796A	95% TC	19.32			
												1505S6	95% TC	19.34			
												7798A	95% TC	19.32			
19 AWG																	
												7806A	90% TC	9.27			

See page 2.33 for key to abbreviations used in this table.



For more information, contact Belden Technical Support +31-77-3875-414 • www.belden-emea.com

Coaxial Cables

No. of Cond.	Material	Stranded (mm)	Solid (mm)	Nom. Imp. Ohm	CDR Diameter (mm)	Braid			Double Braid			Cu-foil / Braid					
						Part No.		Page	Part No.		Page	Part No.		Page			
16 AWG														1.50		1.20 (continued)	
1	BC		solid	75	1.40				7784E*	85% BC + 80% BC	19.23						
	TC		solid	75	1.20												
	BC		solid	75	1.20												
	BC		solid	75	1.20							PRG7C00	40% BC	9.17			
	BC		solid	75	1.20							PRG7C01	40% BC	9.17			
	BC		solid	75	1.25							CT125C0	51% BC	9.16			
	BC		solid	75	1.25							CT125C1	51% BC	9.16			
	BC		solid	75	1.25							CT125C3	51% BC	9.16			
	BC		solid	75	1.25							RG7C00	50% BC	9.17			
	BC		solid	75	1.25							RG7C01	50% BC	9.16			
	BC		solid	75	1.25							RG7C02	50% BC	9.16			
15 AWG														1.45			
1	BC		solid	50	1.45												
	SPCSW		solid	50	1.50	MRG304	95% SPC	6.4									
14.5 AWG														1.55			
1	BC		solid	75	1.55												
	BC		solid	75	1.55												
	BC		solid	75	1.55							PRG11C0	50% BC	9.13			
	BC		solid	75	1.55							PRG11C2	50% BC	9.14			
	BC		solid	75	1.55							PRG11C4	50% BC	9.14			
	BC		solid	75	1.55							PRG11C6#	50% BC	9.13			
	BC		solid	75	1.55												
	BC		solid	75	1.55												
	BC		solid	75	1.55												
14 AWG														1.60			
1	CCS		solid	75	1.63												
	CCS		solid	75	1.63												
	BC		solid	75	1.63												
	BC		solid	75	1.63												
	BC		solid	75	1.63												
	CCS		solid	75	1.63												
	CCS		solid	75	1.63												
	CCS		solid	75	1.63												
	SPC		solid	50	1.65	1675A*	100% CT	9.32									
	BC		solid	75	1.67							CT167C0	55% BC	9.12			
	BC		solid	75	1.67							CT167C1	55% BC	9.12			
	BC		solid	75	1.67							CT167C2	55% BC	9.12			
	BC		solid	75	1.67							CT167C3	55% BC	9.12			
	13 AWG														1.83		
1	BC		solid	50	1.83												
12 AWG														2.40		2.05	
1	SPC	7x0.75		75	2.21				7785A*	80% SPC + 80% BC	19.24						
	SPC	7x0.75		75	2.21				7785ANH*	80% SPC + 80% BC	19.24						
	BC		solid	50	2.05												
	BC		solid	50	2.05												
	BC		solid	75	2.23							CX4C0	60% BC	9.11			
	BC		solid	75	2.23							CX4C1***		9.11			
	BC		solid	75	2.23							CX4C2	60% BC	9.11			
	BC		solid	75	2.23							CX4C3#	60% BC	9.11			
	SPC	7x0.80		50	2.40	MRG165	96% SPC	6.4									
	SPC	7x0.79		50	2.30				MRG225	95% SPC	6.4						
	BC	7x0.75		50	2.25	MRG2130	92% BC	9.31									

• Composite Braid
 * Triax, *** without Braid
 # Messenger

Coaxial Cables

No. of Cond.	Material	Stranded (mm)	Solid (mm)	Nom. Imp. Ohm	CDR Diameter (mm)	Braid			Double Braid			Cu-foil/Braid		
						Part No.		Page	Part No.		Page	Part No.		Page
11 AWG			2.50											
1	BC		solid	50	2.50							H500C00	50% BC	9.30
10 AWG			2.70		2.60									
1	BCCA		solid	50	2.60									
	BC		solid	50	2.62							H1000C0	50% BC	9.30
	BC		solid	50	2.62							H1000C1	50% BC	9.30
	BC		solid	50	2.62							H1000C3	85% BC	9.30
	BC	19x0.54		solid	50	2.70						H1001C1	50% BC	9.30
9 AWG			3.15											
1	CCA		solid	75	3.15									
	CCA		solid	75	3.15									
8 AWG			3.38											
1	BC		solid	75	3.38							CX3C0	60% BC	9.9
	BC		solid	75	3.38							CX3C1***		9.9
	BC		solid	75	3.38							CX3C2	60% BC	9.9
	BC		solid	75	3.38							CX3C3#	60% BC	9.9
7 AWG			3.60											
1	BCCA		solid	50	3.60									
5.5 AWG			4.47											
1	BCCA		solid	50	4.47									

*** without Braid
Messenger

Coaxial Cables

Duobond®/Braid		Duobond® II/Braid			Duobond® IV			Duobond Plus®/Braid			Duofoil®/Braid			Beldfoil®/Braid			
Part No.		Page	Part No.		Page	Part No.		Page	Part No.		Page	Part No.		Page	Part No.		Page
11 AWG																	
10 AWG																	
			7810A	95% TC	9.28												
9 AWG																	
	YE00131◆	9.10															
	YE00132#◆	9.10															
8 AWG																	
7 AWG																	
			7976A	90% TC	9.29												
5.5 AWG																	
			7977A	85% TC	9.29												

Messenger
◆ Welded Aluminum Tube

Conductor abbreviations:
 BC = Bare Copper
 BCC = Bare Compacted Copper
 BCCA = Bare Copper-Covered Aluminum
 CCA = Copper-Cladded Aluminum
 CCS = Copper-Covered Steel
 SPC = Silver-Plated Copper
 SPCCS = Silver-Plated Copper-Covered Steel
 SPCSW = Silver-Plated Copperweld-Steel-Wire
 TC = Tinned Copper
 TCB = Tinned Cadmium Bronze

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