
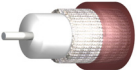


Coaxials // SM & SMT


High temperature, sub-miniature coaxial and triaxial cables
 Intended for use primarily as a transmission line in high frequency applications

Description	Construction					Finished cable				
	Silver Plated High Strength Copper Alloy (HSA)		PTFE	SPC braid	FEP	Weight	Voltage	Capacitance	Fixed MBR	
	Stranding	Conductor	Dielectric	Shield/s	Sheath/s					
50 Ohms	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	V AC	pF/m	mm	Article Number
SM 50	Solid	0.16	0.52	0.80	1.00	3	400	86	-	3000005000
SMT 50	Solid	0.16	0.52	In: 0.80 Out: 1.30	In: 1.00 Out: 1.60	7	400	86	-	3000005002
75 Ohms	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	V AC	pF/m	mm	Article Number
SM 75	Solid	0.10	0.52	0.80	1.00	3	600	64	-	3000007500
SM	Silver Plated Copper (SPC)		PTFE	SPC braid	FEP	Weight	Voltage	Capacitance	Fixed MBR	
	Stranding	Conductor	Dielectric	Shield/s	Sheath/s					
95 Ohms	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	V AC	pF/m	mm	Article Number
SM 95	Solid	0.10	0.95	1.20	1.40	5	600	50	-	3000009500

Attenuation (dB/100m at 20°C)				
Frequency (MHz)	SM 50	SMT 75	SM 75	SM 95
30	36	36	36	26
100	65	65	65	47
400	130	130	130	95
1,000	207	207	207	151
2,500	329	329	329	242

Power (Watts at 40°C)				
Frequency (MHz)	SM 50	SMT 50	SM 75	SM 95
30	117	117	117	219
100	64	64	64	120
400	32	32	32	60
1,000	20	20	20	38
2,500	13	13	13	24

Cable identification	
Dielectric: Natural	
Sheath: Brown-transparent	
Marking: SM ### - Habia Cable - Article No. - Year-Week - Batchcode	

Characteristics and key properties							
	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU	All-round chemical resistance	Low smoke generation	Flame retardant	+200°C High temp
							-55°C Low temp

Data indicates nominal values in millimetres (mm) unless otherwise stated.
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