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RG-Cables acc. to American Military-Specification MIL C 17 F RG 223



Construction

		2YCCY
		0.89s/2.95Ds
		RG 223
Inner conductor		copper wire, silver plated
	mm	0.9
Insulation		PE
	mm	2.95
1 st braid		silver plated
2 nd braid		silver plated
Sheath		PVC
	mm	5.4

Technical data

Product code	Designation	Type	Brand name	Outer diameter mm	Weight approx. kg/km	Standard-delivery-length m	Drum size KTG/ring	Gross weight kg	Copper content	Tensile force N
CK2776500	2YCCY	0.89s/2.95Ds	M17/84-RG223	5.5	60	1000	051		38.6	240
CK2776502	2YCCY	0.89s/2.95Ds	M17/84-RG223	5.5	60	2000	071	145	38.6	240
CK2776504	2YCCY	0.89s/2.95Ds	M17/84-RG223	5.5	60	2000	071	145	38.6	240
CK2776506	2YCCY	0.89s/2.95Ds	M17/84-RG223	5.5	60	2000	071	145	38.6	240
CK2776599	2YCCY	0.89s/2.95Ds	M17/84-RG223	5.5	60	2000	071	145	38.6	240

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Electrical properties

		2YCCY
		0.89s/2.95Ds
		RG223
DC resistance		
Inner conductor	Ω/km	29.1
1 st braid	Ω/km	13.5
2 nd braid	Ω/km	15.5
Mutual capacitance	pF/m	100
Characteristic impedance	Ω	50 ± 2
Velocity ratio		0.66
Attenuation at		
60 MHz	dB/100m	10.7
80 MHz	dB/100m	12.4
200 MHz	dB/100m	19.9
400 MHz	dB/100m	29.3
1000 MHz	dB/100m	50.1
1500 MHz	dB/100m	63.7
2000 MHz	dB/100m	73.9
Operating voltage	KV _{rms}	1.9
Test voltage	KV _{rms}	4.1

Mechanical properties

Operating temperature	- 40°C to 85°C
Installation temperature	- 15°C to 55°C
Minimum bending radius (during installation)	
without load	5 x outer diameter
with load	10 x outer diameter
Fire propagation test	acc. to IEC 332-1 and VDE 0472, part 804 class B