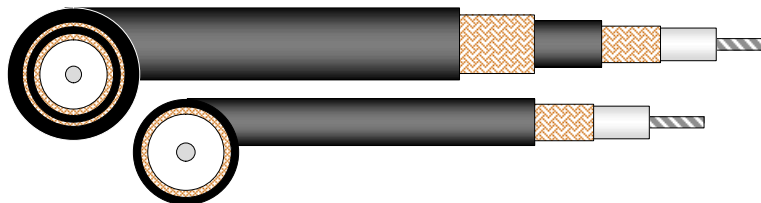


**RG - Cables acc. to American Military-Specification
MIL-C-17F and MIL-C-17G
RG11**



Construction

		2YCY	2YCYCY
		1.2Lz/7.25	1.2Lz/7.25
		RG11	RG11 + 2 nd braid
Inner conductor		stranded copper wires, tinned 7 x 0.39	stranded copper wires, tinned 7 x 0.39
	mm	1.17 ± 0.01	1.17 ± 0.01
Insulation		PE	PE
	mm	7.25 ± 0.05	7.25 ± 0.05
1 st braid		bare, 96% optical coverage	bare, 96% optical coverage
1 st sheath		PVC	PVC
	mm	10.1 ± 0.2	10.1 ± 0.2
2 nd braid		-	bare, 93.5% optical coverage
2 nd sheath		-	PVC
	mm		13.5 ± 0.5

Technical data

Product code	Designation	Type	Brand name	Outer diameter mm	Weight approx kg/km	Standard -delivery -length m	Drum size *PWD/ **OWD	Gross weight kg	Cop -per con -tent	Ten -sile force N
CK2770700	2YCY	1.2Lz/7.25	M17/6-RG11	10.1	134	1000	*760/360 /420	147	55.6	345
CK2765300	2YCYCY	1.2Lz/7.25 (+ 2 nd braid)	M17/6-RG11 (+2 nd braid)	13.5	270	1000	**1000/500/560	324	124	765

*PWD (plywood drum)

**OWD (one way drum)

**RG - Cables acc. to American Military-Specification
MIL-C-17F and MIL-C-17G
RG11**

Electrical properties

		2YCY	2YCYCY
		1.2Lz/7.25	1.2Lz/7.25
		RG11	RG11 + 2 nd braid
DC resistance			
Inner conductor	Ω/km	21	21
1 st braid	Ω/km	4.0	4.0
2 nd braid	Ω/km	-	3.6
Mutual capacitance	pF/m	67	67
Characteristic impedance	Ω	75 ± 3	75 ± 3
Velocity ratio	%	66	66
Attenuation at			
10 MHz	dB/100m	1.8	1.8
100 MHz		6.5	6.5
200 MHz		9.8	9.8
400 MHz		14.1	14.1
800 MHz		22.5	22.5
1000 MHz		25.2	25.2
Maximum Power rating at (ambient + 25°C)			
10 MHz	Watts	2800	2800
100 MHz		810	810
200 MHz		450	450
400 MHz		370	370
800 MHz		130	130
1000 MHz		110	110
Operating voltage	KV _{rms}	3.6	3.6
Test voltage			
Inner-/outer conductor	KV _{rms}	7.6	7.6
Between braids	KV _{rms}	-	2.0

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 60332-1

All other requirements acc. to MIL-C-17F respectively MIL-C-17G