

## RG-Cables acc. to American Military-Specification MIL C 17 F RG 214



### Construction

		2YCCY
		2.25Ls/7.25Ds
		RG 214
Inner conductor		stranded copper wires, silver plated 7x0.75
	mm	2.25
Insulation		PE
	mm	7.25
1 <sup>st</sup> braid		silver plated
2 <sup>nd</sup> braid		silver plated
Sheath		PVC
	mm	10.8

### 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
CK2775700	2YCCY	2.25Ls/7.25Ds	M17/75-RG214	10.8	200	1000	090	226	118,.	730
CK2775702	2YCCY	2.25Ls/7.25Ds	M17/75-RG214	10.8	200	1000	090	226	118.0	730
CK2775703	2YCCY	2.25Ls/7.25Ds	M17/75-RG214	10.8	200	1000	090	226	118.0	730
CK2775720	2YCCY	2.25Ls/7.25Ds	M17/75-RG214	10.8	200	1000	090	226	118.0	730
CK2775721	2YCCY	2.25Ls/7.25Ds	M17/75-RG214	10.8	200	1000	090	226	118.0	730

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### Electrical properties

		2YCCY
		2.25Lz/7.25Ds
		RG214
DC resistance		
Inner conductor	$\Omega/\text{km}$	5.7
1 <sup>st</sup> braid	$\Omega/\text{km}$	9.4
2 <sup>nd</sup> braid	$\Omega/\text{km}$	8.2
Mutual capacitance	pF/m	100
Characteristic impedance	$\Omega$	$50 \pm 2$
Velocity ratio		0.66
Attenuation at		
60 MHz	dB/100m	5.3
80 MHz	dB/100m	6.3
200MHz	dB/100m	9.9
400 MHz	dB/100m	15.1
1000 MHz	dB/100m	26.5
1500 MHz	dB/100m	33.5
2000 MHz	dB/100m	38.7
Operating voltage	KV <sub>rms</sub>	4.5
Test voltage	KV <sub>rms</sub>	10.0