



## Technical data of RG8X - Radio frequency cables with Foam polyethylene dielectric

Structure diagram of product



No	Item	Structure	Material	Color
1	Inner conductor	19/0.28±0.01 mm	Bare copper	Yellow
2	Insulation	3.80±0.10 mm	Foam PE	White
3	Folia	3.90±0.10 mm	Akuminium foil	Silver grey
4	Wire braid	128*0.12 mm	Tinned copper	Silver grey
5	Jacket	6.10±0.10 mm	PVC	Black

### Electrical physical and properties of product

Item		Unit	Value
Capacitance		pF/m	81±5
Impedance		Ω	50±3
Velocity ratio		%	81
Bent radius		mm	50
Max voltage		VMS	1500
Max frequency		MHz	3000
Temperature scope		°C	-20 - +80
Attenuation constant at 20°C (Permissible error 15%)	100MHz	dB/100m	14
	150MHz	dB/100m	16
	200MHz	dB/100m	17
	400MHz	dB/100m	25
	900MHz	dB/100m	38
	1500MHz	dB/100m	51
	2000MHz	dB/100m	59
	2500MHz	dB/100m	68
	3000MHz	dB/100m	73

