

**Mechanical specifications**

<input type="checkbox"/>	Type	: Coax PRG 7 Cu
<input type="checkbox"/>	Inner Conductor	: $1.2 \pm 0.01$ mm soft annealed copper
<input type="checkbox"/>	Dielectric	: Foam PE (gas injected)
<input type="checkbox"/>	Diameter over dielectric	: $5.40 \pm 0.15$ mm
<input type="checkbox"/>	Outer Conductor	: copper-foil + copper braiding
	Coverage	: 35 %
<input type="checkbox"/>	Diameter over screen	: $5.84 \pm 0.15$ mm
<input type="checkbox"/>	Sheath	: PVC
<input type="checkbox"/>	Marking	: BELDEN VENLO HOLLAND PRG 7 CU yyyy + metermarking
<input type="checkbox"/>	Diameter over sheath	: $7.1 \pm 0.15$ mm
<input type="checkbox"/>	Minimum wall thickness	: 0.45 mm
<input type="checkbox"/>	Minimum setting radius	: 50 mm
<input type="checkbox"/>	Minimum temporary setting radius	: 30 mm
<input type="checkbox"/>	Adhesion of dielectric	: $> 0.1$ MPa and $< 1.0$ MPa
<input type="checkbox"/>	Total weight	: 51.0 g/m
<input type="checkbox"/>	Copper contents	: 29.0 g/m

**Electrical specifications**

<input type="checkbox"/>	Characteristic impedance	: $75 \pm 3 \Omega$
<input type="checkbox"/>	DC loop resistance	: $\leq 32.5 \Omega/\text{km}$
	inner conductor	: $\leq 15.5 \Omega/\text{km}$
	outer conductor	: $\leq 17.0 \Omega/\text{km}$
<input type="checkbox"/>	Capacitance	: $53.5 \pm 2$ pF/m
<input type="checkbox"/>	Velocity ratio	: 0.83
<input type="checkbox"/>	Nominal attenuation at	
	10 Mhz	: 1.7 dB/100m
	50 Mhz	: 3.6 dB/100m
	100 Mhz	: 5.1 dB/100m
	230 Mhz	: 7.8 dB/100m
	300 Mhz	: 9.0 dB/100m
	400 Mhz	: 10.4 dB/100m
	470 Mhz	: 11.4 dB/100m
	600 Mhz	: 13.0 dB/100m
	860 Mhz	: 15.7 dB/100m
	1000 Mhz	: 17.1 dB/100m
	1350 Mhz	: 20.2 dB/100m
	1750 Mhz	: 23.3 dB/100m
	2050 Mhz	: 25.5 dB/100m
	2150 Mhz	: 26.2 dB/100m
	2400 Mhz	: 27.9 dB/100m
<input type="checkbox"/>	Return loss	
	5 - 470 Mhz	: $\geq 23$ dB*
	470 - 862 Mhz	: $\geq 20$ dB*
	862 - 2150 Mhz	: $\geq 18$ dB*

\* max 3 peak values up to 3 dB lower than specified.

<input type="checkbox"/>	Screening efficiency ( $A_s$ )	: 30 - 1000 Mhz $\geq 80$ dB
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**Delivery information**

	46475.xxxx.011	250 m non returnable reel
	46475.xxxx.172	100 m carton box
<input type="checkbox"/>	Other delivery length :	on request