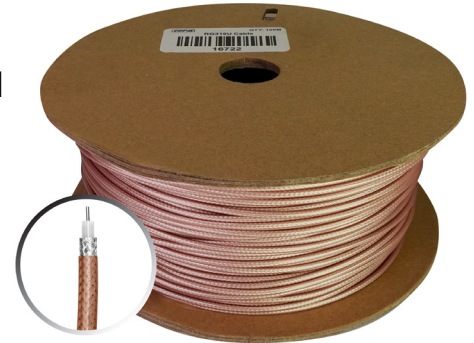


Model Number 86040H Cable / RG 316 Double Silver

Functions:

- Softness: Excellent flexibility for easy handling.
- Performance: Low standing-wave ratio ensures efficient signal transmission.
- Shielding: Provides superior electromagnetic shielding.
- Accuracy: Precise phase matching for reliable performance.



Specifications:

[לצפייה באתר לחץ כאן](#)

Item		Cable / RG 316 Double Silver	
Model		16722/1M	
Operating Temperature		-60℃ to +200℃	
Minimum Bending Radius		<90%.	
Minimum Bending Radius		13 mm	
Material and size of cable:			
Project		Unit	Material and size
Inner conductor	Material quality	/	silver-coated copper wire
	Root number / diameter	root /mm	7/0.175±0.003
	External diameter	mm	Φ0.525
Insulation	Material quality	/	FEP (PPA)
	Thickness	mm	0.49
	Complete the outer diameter	mm	Φ1.50±0.05
Outer conductor	Material quality	/	silver-coated copper wire
	Form	/	knit
	Structure / diameter	mm	0.10/5/16

Material and size of cable:

Project		Unit	Material and size
Outer conductor	Knitting root number	root	80
	density	%	≥90%
	Complete the outer diameter	mm	Φ1.90±0.05
Sheath	Material quality	/	FEP (PPA)
	Thickness	mm	0.3
	Complete the outer diameter	mm	Φ2.50±0.10
	Cover color	Brown trans- parent	Brown transparent

Mechanical and physical characteristics:

Project	Standard Requirements	Test method	Note instructions
Inner conductor stretch rate	≥20%	GB4909	= (L1-L0) /L0×100% L1 Final pitch length L0 Original pitch length
Insulation appearance	Smooth / good	Visualization	
The proportion of insulation material	2.14-2.19	/	According to the material characteristics
Insulation dielectric Constant	2.1×10 ⁻⁴ tan	/	According to the material characteristics
Surface	Smooth / good	Visualization	/

Electrical performance:

Test Item	Standard requirements	Reference Standard	Test Method	Remarks
Insulation Resistance	≥10MΩ.Km	GB3048	The 500V AC current was continued for 1min	Resistor tester
Maximum Pressure	10000N	/	/	/

Electrical performance:

Test Item	Standard requirements	Reference Standard	Test Method	Remarks
Medium pressure resistance	1.5KV	GB3048	The 3KV AC current lasted for 1min	Pressure-resistant tester
Maximum Operating Voltage	1000V	GB3048	/	/
Characteristic Impedance	50±2Ω	GB4098	/	Network Analyzer, TRK tester
Electric capacity	96.5PF/M	GB4098	/	Digital capacitance meter
Transmission Speed	70%	/	/	Net analysis analyzer
Transmission Delay	4.8ns/m	/	/	/
Maximum Operation Frequency	3GHZ	/	/	/
Screening Rate Reduction	100dB	/	GB9023	/
Fire Resistance	Passed	IEC332-3	/	/
Halogen Properties	Passed	ICE754	/	/
Attenuation amount (Db / m)	100MHZ	0.262	Reference to GB4098	A 20°C test at sea level
	400MHZ	0.531		
	1000MHZ	0.856		
	3000MHZ	1.532		

Eu ROHS2002 / 95 / CE Environmental Requirements Reference Standard Schedule:

Substance Name		Content Standard (Test Method)
heavy metal	Cadmium and cadmium compounds	< 100ppm (EN1122)
	Lead as well as the lead compounds	< 1000ppm (EPA3050B)
	Mercury, as well as the mercury compounds	< 1000ppm
	hexavalent chromium compound	< 1000ppm
Organobromine, compounds	PBB (PBB)	< 1000ppm
	Polybrominated diphenyl ether (PBDE) containing decabromobiphenyl ether (DecaBDE)	< 1000ppm

Wire:

