



Selsor Part Numbers – J4040 | J4041 | J4042

Applications

Used for Television, satellite television, cable modems and closed-circuit Television.

Standards

EN 50290-2-22, EN 50290-2-23, RoHS directives

Warranty

25 year installed Selsor system warranty on application.

Technical Overview

Family	Design	2 Power Wires
Coaxial cable	RG59B/U	4. Conductor
	1. Conductor	Flexible Bare copper
Operating Temperature:	Solid Copper Clad Steel wire-	
-20°C to +75 °C	21%	5. Insulation
		PVC
Rated Voltage: 300Vrms	2. Insulation	Black, Red
	Polyethylene	
	Natural	RG59B/U+ 2 Power Wires
	3. Braiding	6. Sheath
	Copper Clad Aluminum wire	PVC
		Black
		7. Put Up Length
		100M

Physical Characteristics

Selsor PN	Type	Unit	Nom. Conductor Diameter (mm)	Nom. Insulation Diameter (mm)	Braiding wires (mm)	Braiding coverage (%)	Nom. Overall Diameter (mm)
J4040	RG59B/U + 2×0.50	RG59B/U	0.58	3.71	0.12	85	6.00
		2×0.50	16×0.20	1.80	-	-	5.00
J4041	RG59B/U + 2×0.75	RG59B/U	0.58	3.71	0.12	85	6.00
		2×0.75	24×0.20	2.40	-	-	5.40
J4042	RG59B/U + 2×1.50	RG59B/U	0.58	3.71	0.12	85	6.00
		2*1.50	16×0.32	2.50	-	-	6.20

Electrical Characteristics for RG59

Max. DC Inner Conductor Resistance (Ohm/km)	Max. DC Outer Conductor Resistance (Ohm/km)	Characteristic Impedance (Ohm)	Nom. Mutual Capacitance (pF/m)	Velocity ratio (%)	Dielectric Strength (Vac)	Min. Insulation Resistance (MOhms*km)	Operating Voltage (V)
320	45	75±3	68	66	1000	10000	300

Frequency (MHz)	Max. Attenuation (dB/100m)	Min. Return Loss (dB)
10	6.50	20
50	9.50	20
100	12.60	20
200	18.40	20
400	27.20	20
700	38.00	20
900	44.30	20
1000	47.00	20

Electrical Characteristics for Power Cable

Type	Max. DC Inner Conductor Resistance (Ohm/km)
2×0.50	36
2×0.75	24
2*1.50	14