

Standard Plenum Jumper, $\varnothing 3.65$ mm, 6 GHz, Pre-assembled Connector Cable-entry

SPJ_SM122L_PCC

Properties

- Pre-assembled Connector Cable-entry (PCC)
- Plenum rated
- Hand-formable alternative to semi-rigid cables
- Small bend radius allows for space saving routing and packaging
- Performance comparable to semi-rigid cables
- Non-magnetic
- Compatible with HUBER +SUHNER's connectors of Cable Group Z1



Product configuration

Type of cable	SUCOFORM_122_LA_CU_CMP
Type description connector A	PCC
Type description connector B	PCC
Length type	Cable length

Electrical data

Impedance	50 Ω
Max. operating frequency	6 GHz
Min. return loss	20 dB
Passive intermodulation (IM3)	≤ -160 dBc; 2x 20 W; at 1.8 GHz
Signal delay	4.3 ns/m
Propagation velocity	78.2 %
Min. screening effectiveness	> 100 dB
Max. screening frequency	18 GHz
CW Power at 40°	185 W at 1 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR max	Insertion loss
0.38 GHz ... 1 GHz	29 dB		
1 GHz ... 2.2 GHz	27 dB		
2.2 GHz ... 2.7 GHz	26 dB		
2.7 GHz ... 3.8 GHz	23 dB		

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Electrical Data (frequency related)			
Frequency range	Return loss	VSWR max	Insertion loss
3.8 GHz ... 6 GHz	20 dB		

Mechanical data	
Weight	3.5 kg/100m
Cable diameter	3.65 mm
Repeated bending radius	18 mm

Environmental data	
Operation temperature	-40 °C ... 105 °C
Installation temperature	-20 °C ... 60 °C
Ingress protection (IP Rating)	Mated / IP67 (1 h of water, 0.5 m)

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85267874	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead
85267875	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead
85267876	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead

Comment

The Pre-assembled Connector Cable-entry (PCC) allows for an easy and quick installation of the coaxial connector. Any HUBER +SUHNER connector of the Cable Group Z1 is compatible with the PCC cable entry. Please refer to the assembly instructions of the specific connector.

Ordering information

Item number	Item description
85267874	SPJ/SM122L/PCC/PCC/00500
85267875	SPJ/SM122L/PCC/PCC/01000
85267876	SPJ/SM122L/PCC/PCC/02000

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