



PowerCat 6 Angled MOD-SNAP III Module

Features and Benefits

The Angled MOD-SNAP III module is ideal for floor box applications. The product is a fully assembled unit featuring the shuttered DataGate Plus™ connector in a 37.5 x 22mm fascia (BT6C size). The angled design reduces patch cord bend radius particularly in shallow floor box installations. The Angled MOD-SNAP III Module can also be used in the MOD-SNAP range of wall plates.

The MOD-SNAP III module features the DataGate Plus Category 6 connector. This superior RJ45 IDC includes a unique integral shutter that not only protects the connector from dust and contaminants, but the ingenious spring-loaded design also ejects improperly seated patch cords. The DataGate Plus connector is dual colour coded for either 568A or 568B wiring schedules and is RJ11 compatible.

Suitable for high-speed data transmission, the DataGate Plus Category 6 connector has been designed to exceed the highest electrical performance standards in the industry and has been independently tested and verified by ETL SEMKO for Category 6 component compliance. The DataGate Plus connector is also backwards compatible with CSE systems.

- 37.5 x 22mm fascia
- Shuttered RJ45 DataGate Plus connector
- Protected labelling facility
- Floor box and wall plate compatible
- Angled fascia

Compliant With

TIA/EIA-568-B.2-1, FCC Subpart F 68.5, ISO 60603-7, ISO 11801:2002, EN 50173:2002

Approvals

- UL-1863 (Pending)
- CSA (Pending)
- ETL Verified for Category 6 Component Compliance

Technical Information

Mechanical Characteristics

Jack Connector

- Plastic Housing: Polycarbonate, UL94V-0 rated or equivalent
- Operating Life: Minimum 750 insertion cycles
- Contact Material: Copper Alloy
- Contact Plating: 1.25 micrometres Au/Ni
- Contact Force: 100g minimum
- Plug Retention Force: 6.8kg.

IDC Connector

- Plastic Housing: Polycarbonate, UL94V-0 rated or equivalent
- Operating Life: Minimum 20 reterminations
- Contact Material: Copper Alloy
- IDC Contact Plating: Tin/Lead Plate
- Contact Force: 100g minimum
- Wire Accommodation: 22-24 AWG solid

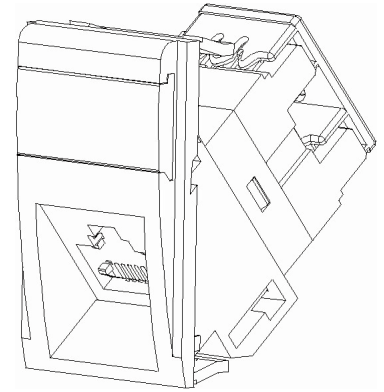
Electrical Characteristics

- Interface Resistance: 20mΩ
- Initial Contact Resistance: 2.5mΩ
- Insulation Resistance: >100 MΩ

Minimum Backbox Depth Requirement: 25mm

Termination Tool: 110

Shipping Weight: 312g (Pk of 20)



Order No.	Description
MMS-00013-02	Angled MOD-SNAP III DataGate Plus RJ45 568A/B UTP Cat 6, White
MMS-00014-02	MOD-SNAP 3 Blank Module



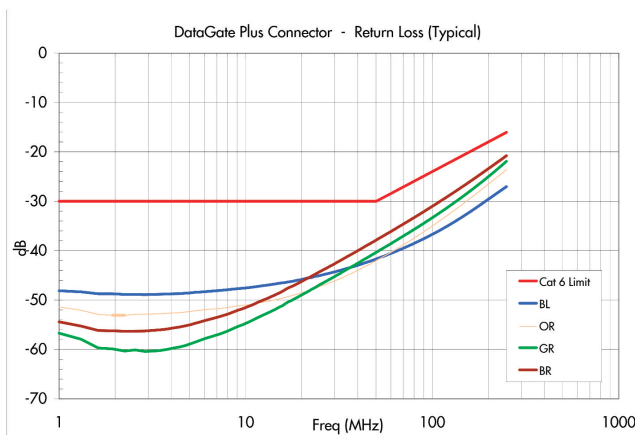
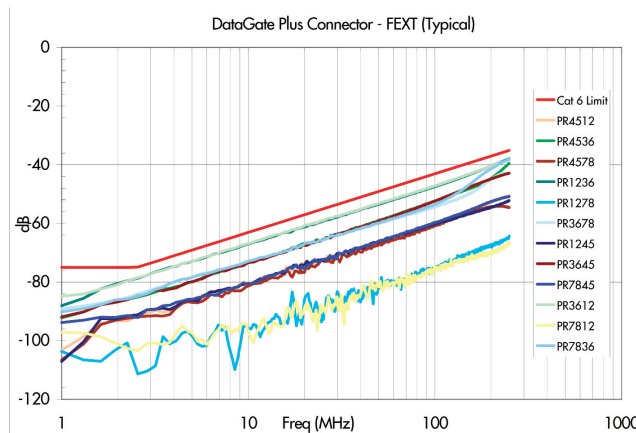
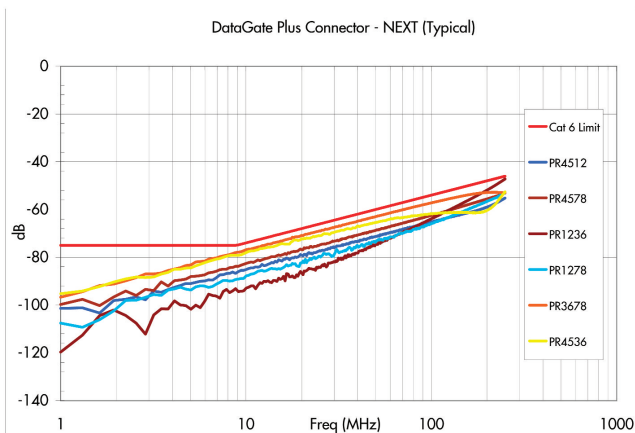
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DataGate Plus Worst Case (dB)								
Frequency (MHz)	NEXT		FEXT		Return Loss		Insertion Loss	
	SPEC	MOLEX	SPEC	MOLEX	SPEC	MOLEX	SPEC	MOLEX
1	-75.0	-95.3	-75.0	-84.9	-30.0	-48.1	-0.10	-0.02
4	-75.0	-85.3	-71.1	-75.0	-30.0	-48.8	-0.10	-0.02
8	-75.0	-79.1	-65.0	-68.9	-30.0	-47.9	-0.10	-0.02
10	-56.1	-77.2	-63.1	-67.1	-30.0	-46.7	-0.10	-0.02
16	-69.9	-73.0	-59.0	-62.9	-30.0	-43.1	-0.10	-0.02
20	-68.0	-70.8	-57.1	-60.8	-30.0	-41.3	-0.10	-0.02
25	-66.0	-68.9	-55.1	-59.1	-30.0	-39.3	-0.10	-0.02
31.25	-64.1	-67.2	-53.2	-57.2	-30.0	-37.4	-0.11	-0.02
62.5	-58.1	-61.1	-47.2	-51.4	-28.0	-31.2	-0.16	-0.03
100	-54.0	-57.3	-43.1	-47.2	-24.0	-26.9	-0.20	-0.05
200	-48.0	-50.7	-37.1	-40.5	-18.0	-20.2	-0.28	-0.07
250	-46.0	-48.7	-35.1	-38.0	-16.0	-18.2	-0.32	-0.09

NOTE:

Performance values shown in dB.

For NEXT, FEXT and Return Loss: the higher the negative value the better the performance (e.g. -73.0 better than -69.9)

For Insertion Loss: the lower the negative value the better the performance (e.g. -0.10 better than -0.10)

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