

AMEC+ 1 GB SEALED SERIES



AMEC+ 1 Gb Sealed

BENEFITS

- Multifunctional modular Ethernet connection system
- Key product for E-Mobility and autonomous driving
- Compact and ergonomic packaging
- Flexible design to support multiple connector variants and integration into mixed connectors

FEATURES

- Cost-effective design leverages standard 0.50 terminals
- Adaptable housings for UTP and STP
- Assured contact placement via secondary locking
- Optional Connector Position Assurance (CPA) for enhanced connector locking performance
- 600 MHz Ethernet operating frequency 1 Gbps
- Robust multiple key codes

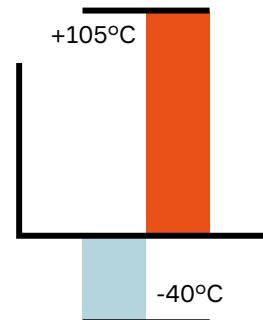


AVAILABLE CONFIGURATIONS

Ethernet Ports	1 - 8
Cavity Configurations	0.50 CTS in 1 and 2 row
Genders	Female, Male
Connector Styles	Inlines, Headers
Cable Assembly	Automated cable assembly build process with precise quality control



TEMPERATURE



INDUSTRY COMPLIANCE



ETHERNET PROTOCOLS

- OPEN Alliance
- IEEE 802.3



VIBRATION CLASS

- LV-214 Level 2
- USCAR Class 1



APPLICATIONS

Automotive Ethernet, other

See back page for representative part numbers and packaging dimensions.



DEGREES OF PROTECTION

ISO 20653
IP2X & IPX9K

IEC 60529
IP2X & IPX9

About Aptiv

Aptiv is a global technology company that develops safer, greener and more connected solutions enabling the future of mobility. Headquartered in Dublin, Aptiv has approximately 150,000 employees and operates 14 technical centers, as well as manufacturing sites and customer support centers in 45 countries.






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MODULE CABLE ASSEMBLIES

Configuration	Female STP x Female STP	Male STP x Female STP
		
Part number	35183882	35183884


COLLECTOR HOUSINGS

Configuration	1-Port 1-Row	2-Port 1-Row	3-Port 1-Row	6-Port 2-Row	8-Port 2-Row
					
Part numbers	35120326	35185529	35169936	35185411	35185412
Other codes available	A, B, C, D, E, F, G	A, B, C, D	A, B, C, D	A, B, C, D, E, F, G, H	A, B, C, D, E, F, G, H
Dimensions (mm)	6.3 x 32.2 x 19.3	34.4 x 23.8 x 19.3	38.9 x 31.5 x 19.5	30.3 x 27.8 x 37.8	38.6 x 28.4 x 39.3





HEADERS RIGHT ANGLE (90°)

Configuration	1-Port 1-Row	2-Port 1-Row	3-Port 1-Row	6-Port 2-Row	8-Port 2-Row
					
Part numbers	35158425	35185527	35169900	35185410	35185409
Other codes available	A, B, C, D, E, F	A, B, C, D	A, B, C, D	A, B, C, D, E, F, G, H	A, B, C, D, E, F, G, H
Dimensions (mm)	32.9 x 34.7 x 16.2	34.8 x 35.7 x 15.8	42.1 x 34.7 x 15.9	N/A	N/A

HEADERS STRAIGHT (180°)

Configuration	1-Port 1-Row
	
Part numbers	35175501
Other codes available	A, B, C, D, E, F
Dimensions (mm)	30.0 x 27.7 x 32.6

INLINE SYSTEM

Configuration	1Port Female	1Port Male	3Port Female	3Port Shielded Male
				
Part numbers	35120326	35185530	35169936	35169915
Other codes available	B, C, D	B, C, D	B, C, D	B, C, D
Dimensions (mm)	16.3 x 32.2 x 19.3	16.2 x 56.7 x 20.9	38.9 x 31.5 x 19.5	36.2 x 54.5 x 19.0

Part numbers, specifications, dimensions and performance data in this document are for general references only and are subject to change without notice. To verify product information, please contact an Aptiv representative.

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