ControlNet Media System

This document contains the ControlNet network media components. For the most current list, see the NetLinx Selection Guide, publication NETS-SG001.

Contact your Rockwell Automation representative for information about ordering ControlNet network media components.

IMPORTANT	You may be able to buy fewer component pieces than shown per order or you may have to purchase all the pieces per order depending upon a unique situation. For more information, contact your distributor or the Rockwell Automation sales office.

Nonhazardous Locations

The table lists components available for nonhazardous environments.

Cat. No.	Component	Description
Coaxial tap kits - See the ControlNet Coax Media Planning and Installation Guide, publication CNET-IN002, for more information.		
1786-TPR	Right-angle T-tap	• IP20 • 1 piece per order
1786-TPS	Straight T-tap	
1786-TPYR	Right-angle Y-tap	
1786-TPYS	Straight Y-tap	
Coaxial connectors - See the ControlNet Coax Media Planning and Installation Guide, publication CNET-IN002, for more information.		
1786-BNC	BNC plug	• IP20 • 75 Ω crimp type • 1 order = 50 pieces
1786-BNCJ	Bullet, jack-to-jack	• IP20 • 1 order = 50 pieces
1786-BNCJI	Isolated bulkhead, jack-to-jack, BNC to BNC	• IP20 • 1 order = 5 pieces
1786-BNCP	Barrel, plug-to-plug	• IP20 • 1 order = 50 pieces
1786-TCAP	Tap dummy load	• IP20 • 1 order = 5 pieces
1786-TJPR	Jumper, plug-to-plug (5 in. long)	• IP20 • 1 order = 4 pieces
1786-XT	Terminating resistor BNC plug	• IP20 • 75 Ω plug • 1 order = 50 pieces

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Hazardous Locations

The table lists components available for hazardous environments.

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Cat. No.	Component	Description
Intrinsically safe (FLEX Ex) tap kits - See the ControlNet Ex Media Planning and Installation Guide, publication CNET-IN003, for more information.		
1797-TPR	FLEX Ex right-angle T-tap	• IP20 • 1 piece per order
1797-TPS	FLEX Ex straight distance T-tap	
1797-TPYR	FLEX Ex right-angle Y-tap	
1797-TPYS	FLEX Ex straight Y-tap	
Intrinsically safe (FLEX Ex) connectors - See the ControlNet Ex Media Planning and Installation Guide, publication CNET-IN003, for more information.		
1797-XT	FLEX Ex terminating resistor	• IP20 • 75 Ω • 1 order = 50 pieces
1797-TCAP	FLEX Ex safe tap dummy load	• IP20 • 1 order = 5 pieces
Intrinsically safe (FLEX Ex) accessories - See the ControlNet Ex Media Planning and Installation Guide, publication CNET-IN003, for more information.		
1797-BOOT	FLEX Ex boot insulator kit	• 1 kit containing 50 pieces
1797-EXMK	FLEX Ex cable marking kit	• 1 kit containing 100 pieces
Coaxial barrier - See the ControlNet Ex Media Planning and Installation Guide, publication CNET-IN003, for more information.		
1797-BCNR	Coaxial barrier	Isolates a ControlNet segment from a hazardous to a non-hazardous area
Repeater adapter - See the following publications for more information: • ControlNet Fiber Media Planning and Installation Guide, publication CNET-IN001 • ControlNet Ex Media Planning and Installation Guide, publication CNET-IN003		
1797-RPA	Intrinsically safe modular repeater adapter • Supplies power for up to two repeater modules (1797-RPFM) • One coax BNC connection	RG6 copper coax • Use with the 1797-RPFM repeater