

Cable Spools

Jacket Material	Conductors	Wire Size	Operating Temperature	Cable Rating	Catalog No.
Shielded 600V, PVC	8	22 AWG	-20 to +80° C (-4 to +176° F)	UL, cUL TYPE CMG; UL PLTC or UL AWM 2570 80C 600V, TIA 568B	1585-C8HB-S*
Shielded 600V, PVC	4	22 AWG	-20 to +80° C (-4 to +176° F)	UL, cUL TYPE CMG; UL PLTC or UL AWM 2570 80C 600V, TIA 568B	1585-C4HB-S*

* Replace symbol with 100 (100 m), 300 (300 m), 600 (600 m) for standard cable lengths

• Replace HB with EB for Red color cable jacket

RJ45 Cordsets and Patchcords

Jacket Material	Conductors	Jacket Color	First End Connector	Second End Connector	Operating Temperature	Catalog No.
Shielded 600V, PVC	8	Teal	Male RJ45**	Flying Leads	-20 to +80° C (-4 to +176° F)	1585J-M8HB-*
Shielded 600V, PVC	8	Teal	Male RJ45**	Male RJ45**	-20 to +80° C (-4 to +176° F)	1585J-M8HBJM-*
Shielded 600V, PVC	4	Teal	Male RJ45**	Flying Leads	-20 to +80° C (-4 to +176° F)	1585J-M4HB-*
Shielded 600V, PVC	4	Teal	Male RJ45**	Male RJ45**	-20 to +80° C (-4 to +176° F)	1585J-M4HBJM-*
Shielded 600V, PVC	8	Teal	Right Angle RJ45**	Male RJ45 Straight**	-20 to +80° C (-4 to +176° F)	1585J-E8HBJM-*
Shielded 600V, PVC	8	Teal	Left Angle RJ45**	Male RJ45 Straight**	-20 to +80° C (-4 to +176° F)	1585J-L8HBJM-*
Shielded 600V, PVC	4	Teal	Right Angle RJ45**	Male RJ45 Straight**	-20 to +80° C (-4 to +176° F)	1585J-E4HBJM-*
Shielded 600V, PVC	4	Teal	Left Angle RJ45**	Male RJ45 Straight**	-20 to +80° C (-4 to +176° F)	1585J-L4HBJM-*

* Replace symbol with 2 (2 m), 5 (5 m), 10 (10 m) for standard cable lengths

• Replace HB with EB for Red color cable jacket

** Overmolded Connectors

Field Attachable Connectors

Description	Wire Size	Operating Temperature	Catalog No.
RJ45 Insulation Displacement Connector (IDC)	27 - 22 AWG (Solid) 27 - 24 AWG (Stranded)	-40 to +70° C (-4 to +156° F)	1585J-M8CC-H
M12 Insulation Displacement Connector (IDC)	22 AWG	-25° C to 85° C	1585D-M4HC-SH

** These IDC connectors have been tested and are compatible with all Rockwell Automation cable spools. Rockwell Automation does not recommend the use of these connectors with competitive cable providers since the cable may not meet all of the requirements needed to ensure a reliable connection.*

M12 Cordsets and Patchcords

Jacket Material	Conductors	Jacket Color	First End Connector	Second End Connector	Catalog No.
Shielded 600V, PVC	4	Teal	Male M12, Straight [†]	Male M12, Straight [†]	1585D-M4HBDM-*
Shielded 600V, PVC	4	Teal	Male M12, Right Angle [†]	Male M12, Right Angle [†]	1585D-E4HBDE-2*
Shielded 600V, PVC	4	Teal	Male M12, Straight [†]	Male M12, Right Angle [†]	1585D-M4HBDE-*
Shielded 600V, PVC	4	Teal	Male M12, Straight [†]	Female M12, Straight [†]	1585D-M4HBDF-*
Shielded 600V, PVC	4	Teal	Male M12, Straight [†]	IDC RJ45	1585D-M4HBJM-*

* Replace symbol with 2 (2 m), 5 (5 m), 10 (10 m) for standard cable lengths

• Replace HB with EB for Red color cable jacket

† Overmolded Connectors

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