
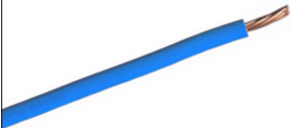
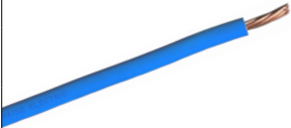
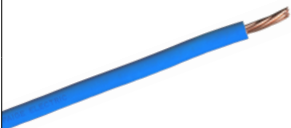




Connection and Waterproofing Guide

Irrigation Systems Wires & Cables

VALVE WIRES

Description		Wire/Cable Type	Connection Choices
Multi-Conductor Cable		18 AWG	3M #316IR Paige 270228R
			3M #DBO/B-6 Paige 270674
			Small Silicone-filled Wire Nut Paige 270i61
			3M #3570G-N Paige 270320 with multiple H-29 Gray Wire Nut Paige 270303G
Single Conductor		18 & 16 AWG	3M #316IR Paige 270228R
			3M #DBO/B-6 Paige 270674
			Small Silicone-filled Wire Nut Paige 270i61
			3M #3570G-N Paige 270320 with multiple H-29* Gray Wire Nut Paige 270303G
Single Conductor		14 AWG 12 AWG	3M #DBO/B-6 Paige 270674
			3M #DBR/Y-6 Paige 270672
			Medium Silicone-filled Wire Nut Paige 270i62
			3M #3570G-N Paige 270320 with 3M T/R+ Wire Nut Paige 270307TR
			RE-ENTERABLE CONNECTORS PAIGE P7408D*
Single Conductor		10 AWG	3M #DBR/Y-6 Paige 270672
			Large Silicone-filled Wire Nut Paige 270i63
			3M #3570G-N Paige 270320 with 3M T/R+ Wire Nut Paige 270307TR
			Re-Enterable Connectors Paige P7408D*



316IR



O/B+ T/R+ R/Y+ B/G+



SILICONE-FILLED WIRE NUTS

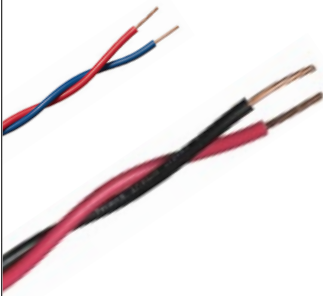
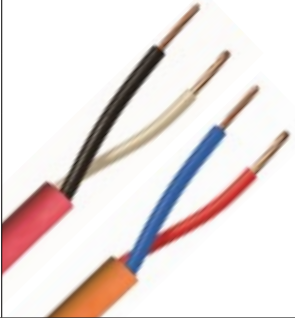
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DECODER CABLES

Description		Wire/Cable Type	Connection Choices
Twisted Pairs, P7313D Twisted Pairs, P7389D		14 AWG 12 AWG	3M #DBO/B-6 Paige 270674
			3M #DBR/Y-6 Paige 270672
			Medium Silicone-filled Wire Nut Paige 270i62
			3M #3570G-N Paige 270320 with 3M T/R+ Wire Nut Paige 270307TR
			Re-Enterable Connectors Paige P7408D*
Jacketed Cables, P7350D, P7354D, and P7072D		14 AWG 12 AWG	3M #DBO/B-6 Paige 270674
			3M #DBR/Y-6 Paige 270672
			Medium Silicone-filled Wire Nut Paige 270i62
			3M #3570G-N Paige 270320 with 3M T/R+ Wire Nut Paige 270307TR
			Re-Enterable Connectors Paige P7408D*

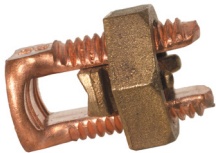
DBR/Y-6



DBO/B-6





3570G-N and #4 Series
Resin Packs




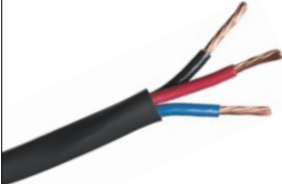


Split Bolt

POWER WIRES & CABLES (UP TO 600 VOLTS)



Description		Wire/Cable Type	Connection Choices
Single Conductor		14 AWG 12 AWG	3M #DBO/B-6 Paige 270674
			3M #DBR/Y-6 Paige 270672
			Medium Silicone-filled Wire Nut Paige 270i62
Single Conductor		14 AWG 12 AWG	3M #3570G-N Paige 270320 with 3M T/R+ Wire Nut Paige 270307TR
			Re-Enterable Connectors Paige P7408D*
			3M #DBO/B-6 Paige 270674

POWER WIRES & CABLES (UP TO 600 VOLTS)





Description		Wire/Cable Type	Connection Choices
Single Conductor		8 AWG 6 AWG	3M #DBR/Y-6 Paige 270672
			Medium Silicone-filled Wire Nut Paige 270i62
			3M #3570G-N Paige 270320 with 3M T/R+ Wire Nut Paige 270307TR
			Re-Enterable Connectors Paige P7408D*
Single Conductor		4 AWG 2 AWG 1/0 AWG 2/0 AWG	Re-Enterable Connectors Paige P7408D*
			3M #82-A series with with Insulated Butt Connectors. Or use Split Bolts wrapped with 3M #23 Rubber Tape Paige 270001
			3M #4 Series with Split Bolt wrapped with 3M #23 Rubber Tape Paige 270001
Type UF-B Flat Jacketed Cables (2 Conductors with Ground)		14 AWG 12 AWG 10 AWG 8 AWG 6 AWG	Re-Enterable Connectors Paige P7408D*
			3M #82-A series with with Insulated Butt Connectors. Or use Split Bolts wrapped with 3M #23 Rubber Tape Paige 270001
			3M #4 Series with Split Bolt wrapped with 3M #23 Rubber Tape Paige 270001
Type TC Round Jacketed Cables (3 or 4 Conductors)		14 AWG 12 AWG 10 AWG 8 AWG 6 AWG 4 AWG 2 AWG 1/0 AWG 2/0 AWG	Re-Enterable Connectors Paige P7408D*
			3M #82-A series with with Insulated Butt Connectors. Or use Split Bolts wrapped with 3M #23 Rubber Tape Paige 270001
			3M #4 Series with Split Bolt wrapped with 3M #23 Rubber Tape Paige 270001



COMMUNICATION CABLES

Description		Wire/Cable Type	Connection Choices
Rain Bird "Maxi Cable"		14 AWG, 2 Conductors 12 AWG, 2 Conductors	3M #DBO/B-6 Paige 270674 or #DBR/Y-6 Paige 270672
			Re-Enterable Connectors Paige P7408D*
TORO P7162D		16 AWG, 1 Pair, Drain wire, Unarmored	3M #3570G-N Paige 270320 with 3M T/R+ Wire Nut Paige 270307TR

COMMUNICATION CABLES

Description		Wire/Cable Type	Connection Choices
TORO P7162D-A		16 AWG, 1 Pair, Drain wire, Armored	Paige Electric Splice Kit, Spec' P273210D , includes: 3M #82-A1, Split bolt, and Butt Connectors (2 each)
HUNTER P7171D		18 AWG, 2 Pair, Drain wire, Unarmored	Paige Electric Splice Kit, Spec' P273210D , includes: 3M #82-A1, Split bolt, and Butt Connectors (2 each)
PE-39/PE-89/ PE-54		3 Pair, 19 AWG	Paige Electric Splice Kit, Spec' P273210D , includes: 3M #82-A1, Split bolt, and Butt Connectors (2 each)
PE-39/PE-89/ PE-54		6 Pair, 19 AWG	3M #8882, Size D Paige 278064 with 12 each 3M #UR-2 Paige 270286 . Use #2 Split Bolt Paige 181997 to re-connect the aluminum shield




82-A1

*Re-enterable connectors are available in the following configurations. From 2 to 6 wires can be connected in a single splice (eg: 4 black decoder wires on the 270RC4)
Use 270RC2 for connecting 2 wires
Use 270RC2 for connecting 3 wires
Use 270RC2 for connecting 4 wires
Use 270RC2 for connecting 5 wires
Use 270RC2 for connecting 6 wires

For specific details on each product, visit our website at: [paigewater.com](#)

Landscape Lighting Systems' Wires & Cables

Description		Wire/Cable Type	Connection Choices
Underground Low Energy Circuit Cable		18 AWG	3M #DBO/B-6 Paige 270674
			Small Silicon-filled Wire Nut Paige 270i61B
		16 AWG /2C	3M #DBO/B-6 Paige 270674
			Small Silicon-filled Wire Nut Paige 270i61B
		14 & 12 AWG	3M #DBO/B-6 Paige 270674
			3M #DBR/Y-6 Paige 270672
			Medium Silicon-filled Wire Nut Paige 270i62B
		10 AWG	3M #DBR/Y-6 Paige 270672
			Large Silicon-filled Wire Nut Paige 270i63B
		8AWG/2C	3M #DBO/B-6 Paige 270674
			3M #DBR/Y-6 Paige 270672



316IR



O/B+ R/Y+ B/G+



SILICONE-FILLED WIRE NUTS



DBO/B-6 or DBR/Y-6

NOTE:
 DBO/B-6, DBR/Y-6, Silicone-filled Wire Nuts, are listed under UL486D-Direct Burial.