



Paige[®] spec P7313D - Rev 7

DIRECT BURIAL DECODER CABLES GOLF COURSE SPRINKLER WIRE INSULATION: POLYETHYLENE SIZES: 14 AWG - 10 AWG AND 2.5mm², SOLID, 2 CONDUCTOR



1.0 SCOPE:

1.1 This specification covers single conductor insulated wire sizes 14 AWG, through 10 AWG, utilizing low density high molecular weight polyethylene insulation, twisted, suitable for direct burial applications for operation up to 600 volts and conductor temperatures up to 60°C. Listed by UL or ETL or CSA.

2.0

CONSTRUCTION:

2.1 Conductor:

Soft drawn bare copper meeting the requirements of ASTM specification B-3 or B-8.

2.2 Temperature Rating:

-55°C +60°C.

2.3 Insulation:

Insulation thickness shall be 0.060".
Conductor colors are as follows and shall be twisted with a 4" lay.

2.4

Manufacturer's Identification:

Surface marked with Paige-Electric, PE-60, voltage rating, size and type, and Listing file number, RoHS.

2.5

Listing:

All cables shall be tested physically and electrically in accordance with UL 1551.

2.6

Splicing Recommendations:

Wire splices are the weak link of any electrical circuit. It is especially important to make proper joints in irrigation systems because the joints are exposed to wet and damp environments that can cause corrosion of the copper conductor, and premature failure. Paige Electric recommends the strict use of Model DBR/Y-6, as manufactured by the 3M Company (Paige specification P7364D)

PAIGE PART NO.	GAUGE	WIRE COLOR #1	WIRE COLOR #2)
170116RB	14	RED	BLUE
170109B	12	RED	BLUE