



FEATURES:

- Available from 13mm to 2 1/2" diameters
- Manufactured from flexible HDPE, makes gradual bends without special equipment
- Continuous lengths reduce joining costs
- Excellent low temperature properties, allows installation in cold climates
- Outstanding long term cable protection from shifting ground, rock and root impingement
- Provides a permanent pathway, simplifies future cable repairs or replacment
- Available with UV protectant for aerial/lashed placement
- ETL Listing to UL Standards
Available from 3/4" - 2 1/2" for EPEC 13.5, EPEC 40 & EPEC 80

INSTALLATION APPLICATION:

Existing Conduit, Plow, Direct Burial, Aerial, Concrete Encasement

MARKET APPLICATION:



COLOR/STRIPE:



OPTIONS:

FOOTAGE MARKINGS Sequential foot or meter markings. Custom print streams available.

CABLE OPTIONS

Single or multiple cables may be pre-installed. Typical cable components are: Service Drops, Fiber, Coaxial, 600 Volt Al, 600 Volt Cu, Medium Voltage. Dura-Line will find the cable to suit your projects needs or you may specify your own.

APPLICATIONS

RUD, Windfarms, Lighting, Broadband, Commercial, Agriculture, Industrial, Oil & Gas

*Cable fills should not exceed the values set by the NEC (National Electric Code).

COMMUNICATIONS – SPECS

Conduit Size (in)	WALL Type	Nom OD (in.)	Min. I.D. (in.)	Weight (#/ft)	Bend Radius SUP (in.)	Bend Radius UNSUP (in.)	SWPS (lbs)
13mm							
	13mm CATV	0.625	0.475	0.045	6	12	260
0.50"							
	SDR - 11	0.840	0.624	0.084	9	18	438
	SDR - 13.5	0.840	0.652	0.072	9	18	364
	SCH - 40	0.840	0.558	0.112	9	18	601
	SCH - 80	0.840	0.482	0.139	9	18	768
0.75"							
	SDR - 11	1.050	0.796	0.128	10	20	684
	SDR - 13.5	1.050	0.830	0.110	10	20	572
	SCH - 40	1.050	0.760	0.148	10	20	798
	SCH - 80	1.050	0.678	0.188	10	20	1040
1.0"							
	SDR - 11	1.315	1.010	0.199	13	26	1081
	SDR - 13.5	1.315	1.056	0.167	13	26	891
	SCH - 40	1.315	0.984	0.217	13	26	1185
	SCH - 80	1.315	0.888	0.276	13	26	1533
1.25"							
	SDR - 11	1.660	1.293	0.312	17	34	1718
	SDR - 13.5	1.660	1.349	0.263	17	34	1425
	SCH - 40	1.660	1.315	0.293	17	34	1604
	SCH - 80	1.660	1.203	0.382	17	34	2116
1.5"							
	SDR - 11	1.900	1.484	0.408	19	38	2253
	SDR - 13.5	1.900	1.552	0.342	19	38	1870
	SCH - 40	1.900	1.544	0.350	19	38	1919
	SCH - 80	1.900	1.422	0.463	19	38	2564
2.0"							
	SDR - 11	2.375	1.859	0.636	24	48	3458
	SDR - 13.5	2.375	1.953	0.528	24	48	2879
	SCH - 40	2.375	2.001	0.469	24	48	2579
	SCH - 80	2.375	1.855	0.641	24	48	3545

ELECTRICAL – SPECS

Conduit Size (in)	WALL Type	Nom OD (in.)	Min. I.D. (in.)	Weight (#/ft)	Bend Radius SUP (in.)	Bend Radius UNSUP (in.)	SWPS (lbs)
0.75"							
	SDR - 11	1.050	0.796	0.128	10	20	684
	EPEC - 13.5	1.050	0.830	0.110	10	20	572
	EPEC - 40	1.050	0.760	0.148	10	20	798
	EPEC - 80	1.050	0.678	0.188	10	20	1040
1.0"							
	SDR - 11	1.315	1.010	0.199	13	26	1081
	EPEC - 13.5	1.315	1.056	0.167	13	26	891
	EPEC - 40	1.315	0.984	0.217	13	26	1185
	EPEC - 80	1.315	0.888	0.276	13	26	1533
1.25"							
	SDR - 11	1.660	1.293	0.312	17	34	1718
	EPEC - 13.5	1.660	1.349	0.263	17	34	1425
	EPEC - 40	1.660	1.315	0.293	17	34	1604
	EPEC - 80	1.660	1.203	0.382	17	34	2116
1.5"							
	SDR - 11	1.900	1.484	0.408	19	38	2253
	EPEC - 13.5	1.900	1.552	0.342	19	38	1870
	EPEC - 40	1.900	1.544	0.350	19	38	1919
	EPEC - 80	1.900	1.422	0.463	19	38	2564
2.0"							
	SDR - 11	2.375	1.859	0.636	24	48	3458
	EPEC - 13.5	2.375	1.953	0.528	24	48	2879
	EPEC - 40	2.375	2.001	0.469	24	48	2579
	EPEC - 80	2.375	1.855	0.641	24	48	3545
2.5"							
	SDR - 11	2.875	2.252	0.930	29	58	5144
	EPEC - 13.5	2.875	2.364	0.775	29	58	4275
	EPEC - 40	2.875	2.390	0.740	29	58	4090
	EPEC - 80	2.875	2.216	0.978	29	58	5409

Cable fills should not exceed the values set by the NEC (National Electric Code).

NOTES:

*** ETL listed to UL 1990**

Cable fills should not exceed the values set by the NEC (National Electric Code).

At the time of order please specify the associated wall type / diameters, if certified test reports are required, and if one of the following standards is required:

1. UL 1990* - Please note that UL 1990 is the preferred standard for cable in conduit, but some specifications may still specify UL 651B, as they have not yet been updated. Please specify the required UL wall type as Schedule 40, Schedule 80, or SDR-13.5 and diameter(s) from 3/4" to 3" .
2. NEMA TC-7, where UL standards are not required is available in Schedules 40 or 80, SDR-13.5, or Standard Wall types in sizes from 1/2" to 3" diameters.
3. ASTM D 3485, for utility applications choose Schedules 40 or 80, SDR-13.5, or SDR-11, and Standard Wall types in sizes from 1/2" to 3" diameters.

BEND RADIUS CALCULATION:

Conduit Size	Supported Bend Radius	Unsupported Bend Radius
1/2" – 2 1/2"	10 x OD	20 x OD
3" – 6"	11 x OD	22 x OD
8" – 16"	18 x OD	27 x OD

During cable placement or replacement, large sweeping bends are recommended over tight bends. Pre-formed sweeps are recommended for conduit sizes 8" through 16" diameters.

"Safe Working Load" is calculated using a 20% safety factor with the minimum resin tensile strength of 3,000 psi, the average OD and minimum wall thickness.



CIC Ships on a Standard Reel. Please follow suggested Installation Guidelines.