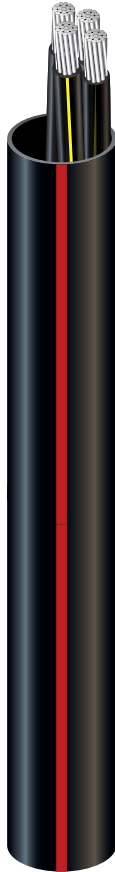


SIMpull® CABLE-IN-CONDUIT

ALUMINUM
SECONDARY
CABLES



COPPER
SECONDARY
CABLES



Single Conductors
or Paralleled

HDPE Conduit

Color Options Available:
Black, Red, Orange, Gray

Striping is Available

APPLICATIONS

- Refer to pages 2-3 of this catalog

INDUSTRY APPROVALS






- Smooth wall ducts are made of high-density polyethylene resin meeting the requirements of ASTM D 3350.
- All conduit is manufactured in accordance with ASTM F 2160.
- Standard wall conduit comes in a variety of color options and is made in accordance with NEMA TC-7 and ASTM D 3485.
- UL Listed

CONSTRUCTION

- Manufactured by continuously extruding HDPE loosely around the cable assembly with no adhesion between the conduit and the cable, thus leaving the cables free in the conduit.
- Lubrication is applied to the cable, allowing for cables to be pulled out and replaced if necessary.
- All cables are installed as single conductors or paralleled in HDPE conduit and are available in Standard Wall, Schedule 40, Schedule 80, SDR 13.5, SDR 11, and SDR 17.

OPTIONS

- 600 V, MV, Fiber, and Specialty Cables
- Available with UL marking on 3/4" through 3" Schedule 40 conduit
- Color options available: black, red, orange, gray. Striping is also available.

CONDUIT		COLORS		COLOR OPTIONS	
	Fiber Optic Cable		orange		
	CATV/Telephone		orange		
	Electric		black, gray, red		  

PROPERTY	TEST METHOD	VALUE
Density	D4883	.953 g/cc
Melt Index	D1238	.25 g/10 min
Flexural Modulus	D790	168,000 psi
Tensile Strength	D638	3900 yield @ 2 in/min
SP-NCLS ESCR	F2136	>1000 hrs
Hydrostatic Design Basis	D2837	N/A





CONDUIT SOLUTIONS

SIM pull® CABLE-IN-CONDUIT

WEIGHTS AND MEASUREMENTS

NOMINAL SIZE (inch)	NOMINAL OUTSIDE DIAMETER (inch)	MINIMUM WALL THICKNESS (inch)	NOMINAL INSIDE DIAMETER (inch)	MINIMUM BENDING RADIUS (inch)	MAXIMUM PULLING TENSION (lbs)	WEIGHT (lbs/1000 ft)
STANDARD WALL NEMA TC-7						
0.75	1.050	0.060	0.910	12	395	90
1.00	1.315	0.075	1.145	14	620	137
1.25	1.660	0.100	1.440	18	1040	223
1.50	1.900	0.115	1.650	21	1370	290
2.00	2.375	0.145	2.065	26	2160	450
2.50	2.875	0.203	2.449	32	3620	742
3.00	3.500	0.216	3.048	39	4735	969
4.00	4.500	0.237	3.998	50	6745	1396
SCHEDULE 40						
0.75	1.050	0.113	0.804	12	710	149
1.00	1.315	0.133	1.029	14	1050	219
1.25	1.660	0.140	1.360	18	1420	297
1.50	1.900	0.145	1.590	21	1700	354
2.00	2.375	0.154	2.047	26	2280	475
2.50	2.875	0.203	2.445	32	3615	749
3.00	3.500	0.216	3.042	39	4740	981
4.00	4.500	0.237	3.998	50	6745	1396
SCHEDULE 80						
0.75	1.050	0.154	0.722	12	920	190
1.00	1.315	0.179	0.936	14	1360	279
1.25	1.660	0.191	1.255	18	1870	386
1.50	1.900	0.200	1.476	21	2275	468
2.00	2.375	0.218	1.913	26	3145	648
2.50	2.875	0.276	2.290	32	4780	989
3.00	3.500	0.300	2.864	39	6420	1325
4.00	4.500	0.337	3.786	50	9365	1936
SDR 11						
0.75	1.050	0.095	0.840	12	605	130
1.00	1.315	0.120	1.055	14	960	202
1.25	1.660	0.151	1.338	18	1520	316
1.50	1.900	0.173	1.533	21	1995	412
2.00	2.375	0.216	1.917	26	3125	643
2.50	2.875	0.261	2.322	32	4550	941
3.00	3.500	0.318	2.826	39	6760	1395
4.00	4.500	0.409	3.633	50	11170	2308
SDR 13.5						
0.75	1.050	0.078	0.874	12	505	111
1.00	1.315	0.097	1.101	14	790	169
1.25	1.660	0.123	1.394	18	1260	266
1.50	1.900	0.141	1.598	21	1655	346
2.00	2.375	0.176	2.002	26	2585	534
2.50	2.875	0.213	2.423	32	3785	784
3.00	3.500	0.259	2.951	39	5610	1159
4.00	4.500	0.333	3.794	50	9265	1916
SDR 17						
0.75	1.050	0.062	0.906	12	410	92
1.00	1.315	0.077	1.141	14	635	140
1.25	1.660	0.098	1.444	18	1020	219
1.50	1.900	0.112	1.656	21	1335	284
2.00	2.375	0.140	2.075	26	2090	437
2.50	2.875	0.169	2.517	32	3060	632
3.00	3.500	0.206	3.063	39	4525	939