



1910-2010
Celebrating
100
Years
of Cable Solutions & Innovations



Resources | Reel Selection Charts

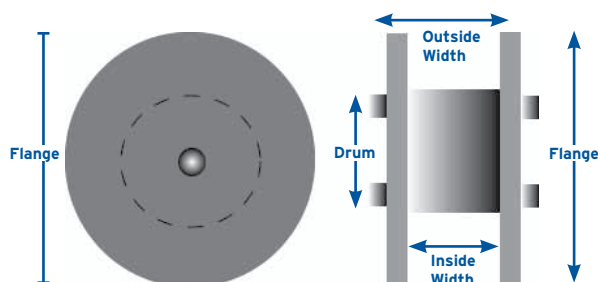


Draka™

Draka Communications - Americas

Resources | Reel Selection Chart

Non-Returnable Reels - English Units



Reel Designation	R-18 PLY	R-30 PLY	R-38	R-44	R-50	R-55	R-59	R-67	R-78	R-88	R-96
Outside Dimensions											
Flange Diameter (in)	18	29.5	38	44	50	55	59	67	78	88	96
Outside Width (in)	15	20	32	32	32	46	46	46	48	54	54
Inside Dimensions											
Drum Diameter (in)	8	12	20	20	20	30	32	34	40	48	52
Inside Width (in)	15	18	27	27	27	40	40	40	40	46	46
Empty Weight (lb)	7	41	106	130	153	290	326	402	735	946	1,191

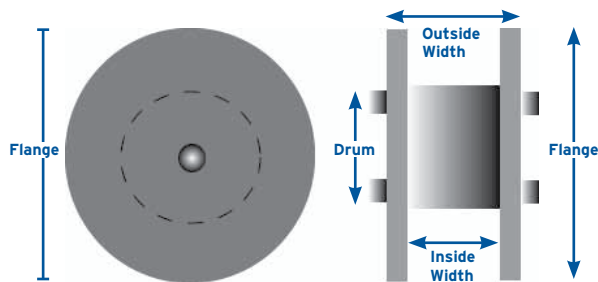
Cable Diameter (inches)	Estimated Reel Capacity (feet)										
	18"	30"	38"	44"	50"	55"	59"	67"	78"	88"	96"
0.20	3,750	14,300	33,150	40,500	-	-	-	-	-	-	-
0.25	2,480	9,410	21,170	33,610	40,500	-	-	-	-	-	-
0.30	1,590	6,320	14,410	22,990	32,960	40,500	-	-	-	-	-
0.35	1,260	4,670	10,760	16,630	24,300	36,030	40,500	-	-	-	-
0.40	-	3,390	7,930	13,050	18,270	27,220	31,350	40,500	-	-	-
0.45	-	2,870	6,190	10,160	14,090	21,350	24,870	35,630	40,500	-	-
0.50	-	2,200	5,240	8,320	11,900	17,590	20,690	29,080	40,080	40,500	-
0.55	-	1,850	4,010	6,770	9,450	14,430	16,140	23,580	31,820	40,500	-
0.60	-	1,550	3,370	5,450	7,880	11,740	14,170	19,960	27,340	39,220	40,500
0.65	-	-	2,810	4,730	7,000	10,240	11,590	16,840	23,440	32,320	39,170
0.70	-	-	2,650	4,100	5,770	8,920	10,150	14,110	20,030	27,740	33,960
0.75	-	-	2,200	3,540	5,100	7,760	8,880	12,560	17,030	25,010	29,360
0.80	-	-	1,810	3,040	4,490	6,730	7,750	11,170	15,300	21,340	26,620
0.85	-	-	1,720	2,600	3,950	5,810	6,740	9,930	13,740	19,230	22,880
0.90	-	-	1,390	2,490	3,460	4,990	5,840	8,800	11,500	17,310	20,720
0.95	-	-	1,330	2,110	3,010	4,780	5,600	7,780	10,270	14,540	18,750
1.00	-	-	1,280	2,040	2,920	4,080	4,820	6,860	9,890	13,990	16,960
1.10	-	-	-	-	-	3,320	3,980	5,810	7,840	11,210	13,810
1.20	-	-	-	-	-	2,680	3,260	4,910	6,730	9,670	11,130

Notes:

- 1) Reel capacities are estimates based on nominal values.
- 2) Available minimum and maximum lengths vary by product - contact Draka for details on a specific product.
 - > Minimum length is typically 3,280 feet, depending upon product.
 - > Maximum length is typically < 40,500 feet, depending upon product.
- 3) To maintain acceptable bend radius, certain armored designs are not available on the smallest reel sizes. Contact Draka for details on a specific product.
- 4) This information is also available online in the Resources section at www.drakaamericas.com

Resources | Reel Selection Chart

Returnable Reels - English Units



Reel Designation	RC-30	RC-35	RC-42	413	414	415	416	417	419	420	487
Material	Composite	Composite	Composite	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel
Outside Dimensions											
Flange Diameter (in)	30	35	42	48	50	56	66	78	78	84	96
Outside Width (in)	20	30	32	24.0	31.4	29.5	31.6	32.5	37.0	44.5	52.9
Inside Dimensions											
Drum Diameter (in)	15	16.75	18	30	30	30	36	42	42	42	42
Inside Width (in)	17	27	29	18.0	25.4	25.4	25.4	25.4	30.0	39.0	44.5
Empty Weight (lb)	60	75	85	216	250	282	360	566	610	782	1,400

Cable Diameter (inches)	Estimated Reel Capacity (feet)										
	30"	35"	42"	48"	50"	56"	66"	78"	78"	84"	96"
0.20	12,112	29,161	-	30,173	40,500	-	-	-	-	-	-
0.25	7,910	18,628	33,719	19,256	32,025	40,500	-	-	-	-	-
0.30	5,351	12,674	23,059	13,109	21,527	32,172	40,500	-	-	-	-
0.35	3,782	9,468	16,681	9,769	15,540	23,728	33,936	40,500	-	-	-
0.40	2,853	6,969	13,103	7,206	12,435	18,024	25,551	37,960	40,500	-	-
0.45	2,357	5,444	10,195	5,628	9,290	14,213	19,752	29,339	34,748	-	-
0.50	1,948	4,613	8,356	4,746	7,926	11,759	16,609	24,197	28,668	40,500	-
0.55	1,605	3,527	6,800	3,648	6,243	9,699	13,235	19,878	23,558	37,771	40,500
0.60	1,313	2,958	5,472	3,056	5,317	7,946	11,043	16,205	19,211	31,476	40,500
0.65	1,064	2,467	4,752	2,550	4,521	6,443	9,769	13,780	16,341	27,257	40,500
0.70	-	2,336	4,119	2,393	3,830	5,611	8,081	11,665	13,837	23,553	38,127
0.75	-	1,937	3,557	1,991	3,226	4,878	7,130	10,435	12,382	20,277	33,639
0.80	-	1,587	3,056	1,639	3,059	4,228	6,285	9,338	11,084	17,366	29,614
0.85	-	-	2,608	1,555	2,562	3,647	5,529	7,798	9,260	15,691	25,985
0.90	-	-	2,508	1,263	2,120	3,489	4,849	6,942	8,245	14,173	22,703
0.95	-	-	-	1,205	2,026	2,998	4,235	6,166	7,326	12,792	20,812
1.00	-	-	-	1,152	1,941	2,880	4,069	5,927	7,045	11,530	19,075
1.10	-	-	-	-	1,526	2,371	3,059	4,647	5,527	9,307	15,043
1.20	-	-	-	-	1,178	1,938	2,534	3,953	4,704	7,422	12,469

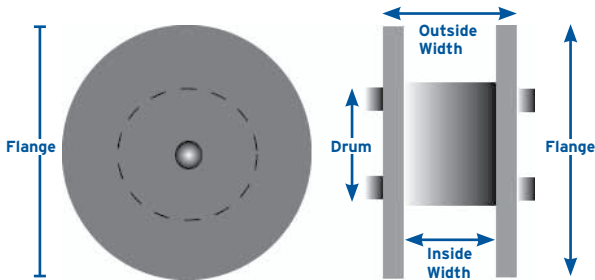
Notes:

- 1) Reel capacities are estimates based on nominal values.
- 2) Available minimum and maximum lengths vary by product - contact Draka for details on a specific product.
 - > Minimum length is typically 3,280 feet, depending upon product.
 - > Maximum length is typically < 40,500 feet, depending upon product.
- 3) To maintain acceptable bend radius, certain armored designs are not available on the smallest reel sizes. Contact Draka for details on a specific product.
- 4) This information is also available online in the Resources section at www.drakaamericas.com.
- 5) To schedule a pickup for a truckload quantity of returnable reels, contact Draka at 800.879.9862.



Resources | Reel Selection Chart

Non-Returnable Reels - Metric Units



Reel Designation	R-18 PLY	R-30 PLY	R-38	R-44	R-50	R-55	R-59	R-67	R-78	R-88	R-96
Outside Dimensions											
Flange Diameter (cm)	46	75	97	112	127	140	150	170	198	224	244
Outside Width (cm)	39	51	81	81	81	117	117	117	122	137	137
Inside Dimensions											
Drum Diameter (cm)	20	30	51	51	51	76	81	86	102	122	132
Inside Width (cm)	38	46	69	69	69	102	102	102	102	117	117
Empty Weight (kg)	3	19	48	59	69	132	148	182	333	429	540

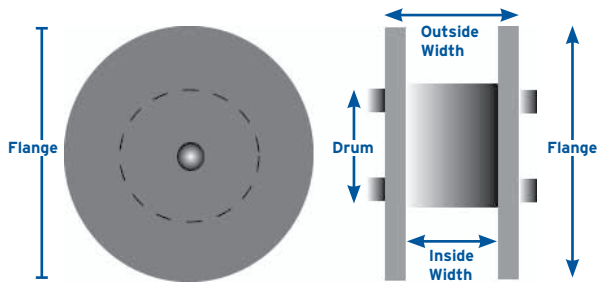
Cable Diameter	Estimated Reel Capacity (meters)										
	46cm	76cm	96cm	112cm	127cm	140cm	150cm	170cm	198cm	224cm	244cm
5	1,157	4,586	10,225	12,340	-	-	-	-	-	-	-
6	789	3,127	7,039	11,361	12,340	-	-	-	-	-	-
7	578	2,292	5,201	8,335	11,984	12,340	-	-	-	-	-
8	469	1,751	4,005	6,237	9,123	12,340	-	-	-	-	-
9	331	1,414	3,047	5,027	7,075	10,428	12,340	-	-	-	-
10	-	1,133	2,446	4,023	5,871	8,397	10,107	12,340	-	-	-
11	-	897	2,108	3,372	4,844	7,067	8,199	11,618	12,340	-	-
12	-	771	1,669	2,815	3,962	5,932	6,943	9,648	12,340	-	-
13	-	661	1,430	2,332	3,385	4,954	5,859	8,331	11,558	12,340	-
14	-	564	1,222	2,062	2,877	4,391	4,913	7,176	9,686	12,340	-
15	-	478	1,039	1,681	2,589	3,624	4,372	6,156	8,429	12,096	12,340
16	-	-	989	1,475	2,177	3,197	3,890	5,561	7,310	10,562	12,340
17	-	-	837	1,290	1,951	2,816	3,457	4,732	6,650	9,190	11,191
18	-	-	702	1,239	1,745	2,472	3,067	4,262	5,728	8,378	10,258
19	-	-	673	1,082	1,557	2,372	2,714	3,835	5,200	7,640	8,967
20	-	-	558	938	1,385	2,078	2,393	3,445	4,717	6,584	8,211
22	-	-	518	781	1,191	1,747	2,027	2,760	3,867	5,432	6,878
24	-	-	409	647	923	1,465	1,715	2,383	3,143	4,767	5,740
26	-	-	-	-	-	1,222	1,445	2,055	2,740	3,898	4,759
28	-	-	-	-	-	1,011	1,211	1,769	2,387	3,413	4,202
30	-	-	-	-	-	827	1,006	1,516	2,075	2,984	3,434

Notes:

- 1) Reel capacities are estimates based on nominal values.
- 2) Available minimum and maximum lengths vary by product - contact Draka for details on a specific product.
 - > Minimum length is typically 1,000 meters, depending upon product.
 - > Maximum length is typically < 12,340 meters, depending upon product.
- 3) To maintain acceptable bend radius, certain armored designs are not available on the smallest reel sizes. Contact Draka for details on a specific product.
- 4) This information is also available online in the Resources section at www.drakaamericas.com.

Resources | Reel Selection Chart

Returnable Reels - Metric Units



Reel Designation	RC-30	RC-35	RC-42	413	414	415	416	417	419	420	487
Material	Composite	Composite	Composite	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel
Outside Dimensions											
Flange Diameter (cm)	76	89	107	122	127	142	168	198	198	213	244
Outside Width (cm)	51	76	81	61	80	75	80	83	94	113	134
Inside Dimensions											
Drum Diameter (cm)	38	42.5	46	76	76	76	91	107	107	107	107
Inside Width (cm)	43	69	74	46	65	65	65	65	76	99	113
Empty Weight (kg)	27	34	39	98	114	128	64	257	277	355	636

Cable Diameter	Estimated Reel Capacity (meters)										
	76cm	89cm	107cm	122cm	127cm	142cm	168cm	198cm	224cm	213cm	244cm
5	3,735	9,323	-	9,317	12,340	-	-	-	-	-	-
6	2,661	6,465	11,394	6,412	10,601	12,340	-	-	-	-	-
7	1,861	4,572	8,359	4,732	8,015	11,560	12,340	-	-	-	-
8	1,462	3,521	6,254	3,639	6,017	8,796	12,340	-	-	-	-
9	1,142	2,860	5,043	2,773	4,689	7,166	9,899	12,340	-	-	-
10	880	2,313	4,035	2,225	3,838	5,559	8,193	11,707	12,340	-	-
11	739	1,854	3,384	1,912	3,129	4,695	6,761	9,537	11,294	12,340	-
12	619	1,601	2,825	1,517	2,530	3,957	5,542	8,001	9,478	12,340	-
13	516	1,256	2,339	1,299	2,192	3,320	4,733	6,960	8,246	12,340	-
14	427	1,073	2,069	1,109	1,899	2,766	4,027	6,049	7,168	11,495	12,340
15	405	1,020	1,685	944	1,641	2,451	3,613	5,244	6,217	10,113	12,340
16	332	869	1,479	893	1,413	2,171	3,049	4,529	5,371	8,879	12,340
17	316	735	1,294	758	1,211	1,920	2,729	3,891	4,615	7,772	12,340
18	-	705	1,245	637	1,155	1,694	2,439	3,522	4,178	6,773	11,529
19	-	591	1,086	608	985	1,489	2,177	3,186	3,781	6,192	10,270
20	-	569	941	506	944	1,304	1,939	2,880	3,418	5,659	9,119
22	-	-	784	466	768	1,095	1,660	2,342	2,782	4,440	7,456
24	-	-	-	369	620	917	1,296	1,887	2,242	3,914	6,366
26	-	-	-	-	494	764	1,100	1,634	1,943	3,219	5,414
28	-	-	-	-	464	631	930	1,413	1,681	2,832	4,578
30	-	-	-	-	363	598	881	1,219	1,451	2,489	4,105

Notes:

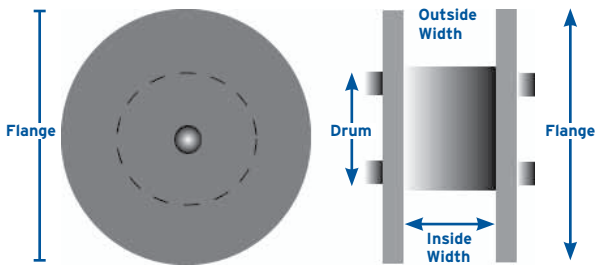
- 1) Reel capacities are estimates based on nominal values.
- 2) Available minimum and maximum lengths vary by product - contact Draka for details on a specific product.
 - > Minimum length is typically 1,000 meters, depending upon product.
 - > Maximum length is typically < 12,340 meters, depending upon product.
- 3) To maintain acceptable bend radius, certain armored designs are not available on the smallest reel sizes. Contact Draka for details on a specific product.

- 4) This information is also available online in the Resources section at www.drakaamericas.com.
- 5) To schedule a pickup for a truckload quantity of returnable reels, contact Draka at 800.879.9862.



Resources | Reel Selection Chart - Flame Rated Distribution & Interconnect Cables

Reel Sizes (Less Than 30") for Premise Cables



	10"	14"	16"	18"	24"	30"
Flange Diameter (in/cm)	9.75/24.8	14/35.6	15.5/39.4	18/45.7	23.63/60	29.5/74.9
Traverse (in/cm)	9/22.9	10/25.4	12/30.5	14.5/36.8	14.5/36.8	17.5/44.5
Drum Diameter (in/cm)	6/15.2	8/20.3	8/20.3	8/20.3	12.1/30.7	12.1/30.7
Flange Type	Plywood	Plastic	Plywood	Plywood	Plywood	Plywood

Estimated Reel Capacity in Feet

Cable Diameter (mm/in)	10"	14"	16"	18"	24"	30"
ZIPCORD (Thickness)						
1.6/0.063	2,441	7,206	12,155	22,793	28,215	-
2/0.079	1,792	5,023	8,512	16,158	25,795	28,215
2.9/1.114	822	2,394	3,910	7,340	11,858	24,934
Round						
1/0.04	15,506	-	-	-	-	-
2/0.08	3,690	10,649	18,203	-	-	-
3/0.12	1,581	4,824	7,961	15,137	23,855	-
4/0.16	855	2,549	4,399	8,301	13,401	28,215
5/0.20	504	1,620	2,798	5,157	8,362	19,022
6/0.24	349	1,122	1,877	3,753	5,914	13,103
7/0.28	-	641	1,049	2,240	3,783	8,624
8/0.31	-	-	817	1,666	2,922	6,739
9/0.35	-	-	631	1,368	2,231	5,201
10/0.39	-	-	-	1,119	1,859	4,229
11/.043	-	-	-	910	1,549	3,413
12/.047	-	-	-	-	1,285	2,969
13/.051	-	-	-	-	1,056	2,577

Notes:

Armored Cables (Interlock or corrugated steel tape) can only be placed on 30" reels.



Quality Policy

Draka is committed to understanding and exceeding both our internal and external customer requirements. We will earn our customer's trust by performing at the highest level of excellence in the areas of quality, service and reliability at all times. Our company will ensure this performance through the quality of our people and the tools and systems we use.

Quality Management Systems

Draka's TL9000 Quality Management System ensures processes are documented and that we stay focused on management responsibility, resource management, product realization and measurement/analysis/improvement in all areas.

TL9000

Draka Communications | Cable Solutions, Americas is TL9000 certified and is an active member of the QuEST Forum.

ISO9000

Draka Communications | Cable Solutions, Americas is ISO 9001:2000 registered at its Claremont, North Carolina operation.

ISO14001

Draka Communications | Cable Solutions, Americas is ISO 14001 registered at its Claremont, North Carolina operation.



DrakaTM

Draka Communications - Americas



VALUE
INNOVATION



Resources | Reel Selection Charts

2512 Penny Road
Claremont, NC 28610-0039
+1 800.879.9862
+1 828.459.9787

www.drakaamericas.com
sales@drakaamericas.com

 **Draka**TM
Draka Communications - Americas