SPREADERFLEX | BSKT XPRT | REEL XPRT | XTRM | 3GSLTOE | SYSLTOE

SPREADERFLEX — Complete Basket, Vertical Reeling and Mobile Harbour Crane Series

A comprehensive English engineering guide covering gravity-fed basket cables, dedicated fibre-optic basket designs, the vertical-reeling family now mapped to SPREADERFLEX REEL XPRT, the −50°C branch and the public SPREADERFLEX XTRM configuration.

50 3GSLTOE rows | 31 SYSLTOE rows | 28 vertical legacy rows | 1 XTRM row | 110 records | 5 engineering diagrams

Rated voltage	Basket speed	Vertical reel speed	Arctic moving temperature
0.6/1 kV	160 m/min	240 m/min	−50°C

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1. Source hierarchy and counting rule

2019 3GSLTOE matrix
50 metric, AWG, bus and integrated-FO basket records.

2021 SYSLTOE matrix
31 dedicated LWL basket records with published tensile-force values.

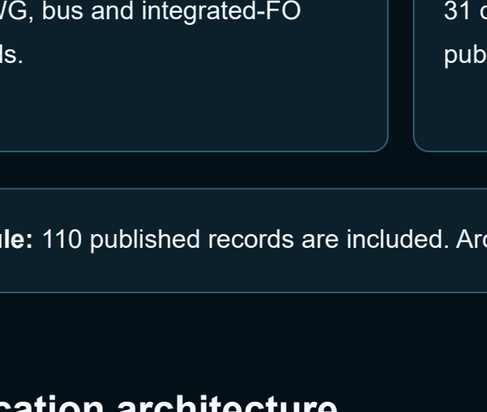
2019 vertical matrix
28 CORDAFLEX(SMK)-V records, retained as the legacy matrix behind the new REEL XPRT mapping.

XTRM public flyer
One fully quantified representative mobile-harbour-crane configuration.

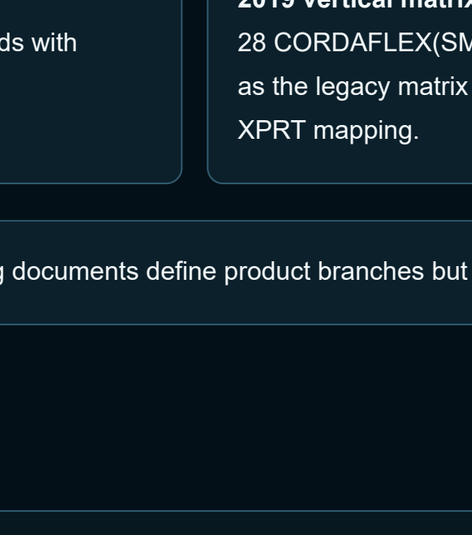
Counting rule: 110 published records are included. Arctic and new-brand mapping documents define product branches but do not publish additional complete matrices.

2. Application architecture

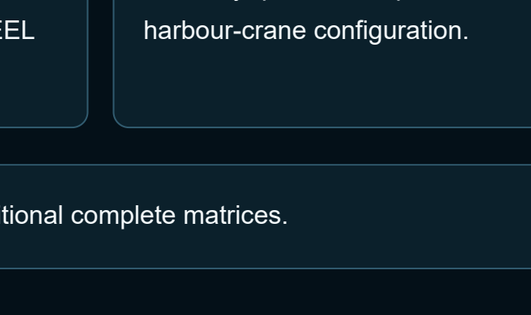
SPREADERFLEX application architecture



Basket operation
BSKT XPRT · 160 m/min



Vertical reeling
REEL XPRT · 240 m/min legacy matrix



Mobile harbour crane
XTRM · 90 m lifting height

3. Basket-operation construction

SPREADERFLEX BSKT XPRT / 3GSLTOE-SYSLTOE basket-cable anatomy

Representative bundled construction with central aramid/lead-ball support, screened pairs and an optional optical unit.

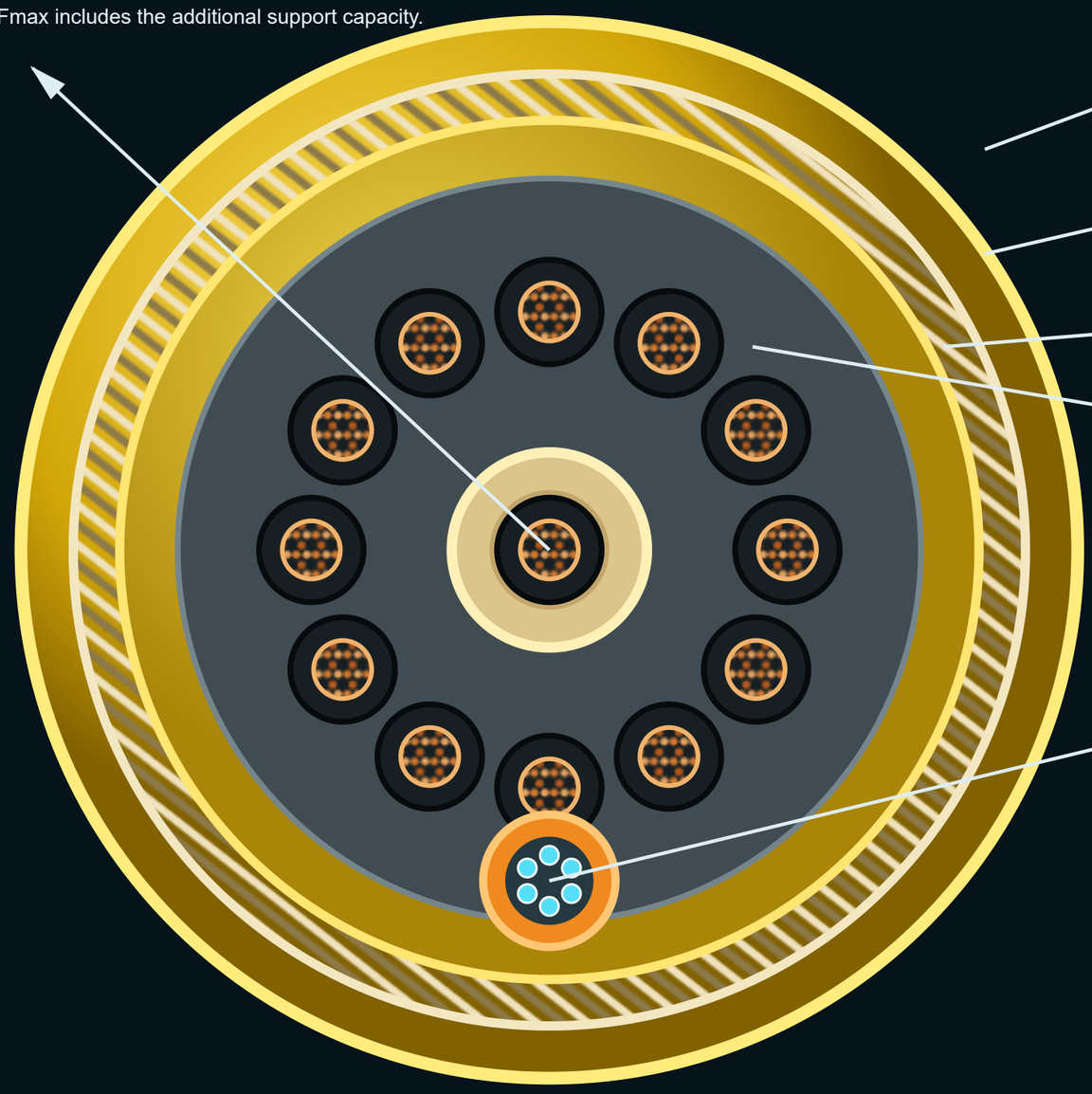


The central support uses aramid threads woven around lead-ball cords. Its breaking load is designed for a safety factor of five when the cable is vertically suspended for 50 m. Larger constructions may use a round rubber filler with aramid threads.

4. Vertical-reeling construction

SPREADERFLEX REEL XPRT — legacy CORDAFLEX(SMK)-V vertical-reeling anatomy

Representative control-plus-fibre design from the mapped 2019 matrix; exact current XPRT construction requires confirmation.

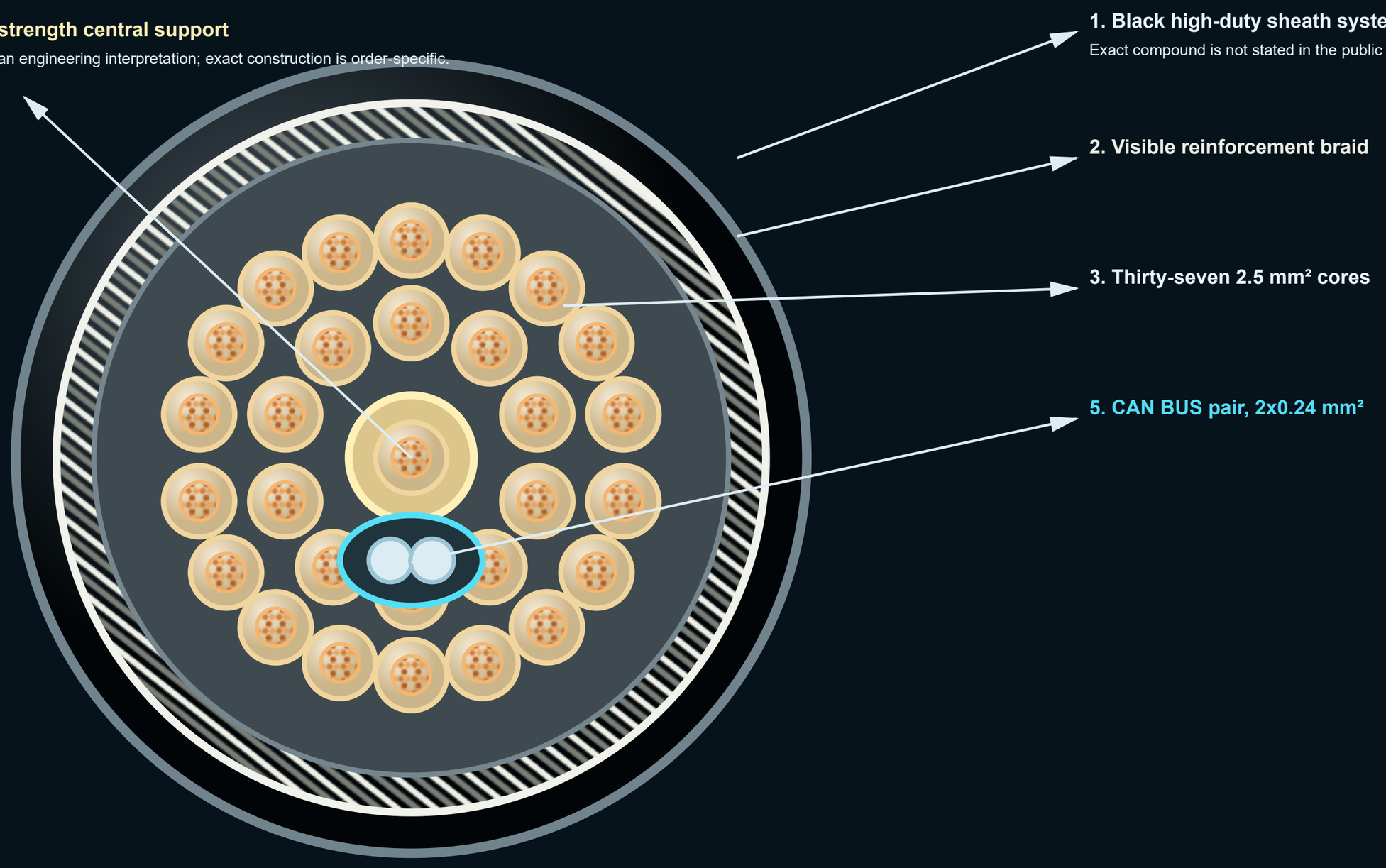


The table is an official 2019 legacy matrix. The 2025 brand map renames the old CORDAFLEX(SMK)-V/-V-S family as SPREADERFLEX REEL XPRT, but does not state that every old Part number remains commercially current.

5. SPREADERFLEX XTRM public construction

SPREADERFLEX XTRM — published 37x2.5 + CAN BUS representative configuration

Engineering interpretation of the public flyer image and stated features; exact production drawing and compounds are not published.



Published performance points

Tensile strength >4.5 kN · breaking strength >20 kN · 160 m/min · 90 m lift with 130 m total cable · 1.5 kg/m · 28.7 ±1.0 mm.

6. Family and brand mapping

Brand mapping and engineering selection

SPREADERFLEX

3GSLTOE / SYSLTOE

→ SPREADERFLEX BSKT XPRT

CORDAFLEX(SMK)-V / -V-S

legacy vertical-reeling family

→ SPREADERFLEX REEL XPRT

CORDAFLEX(SMK)-VS

mobile harbour crane family

→ SPREADERFLEX XTRM

- Select the operating system first: gravity basket, vertical reel or mobile harbour crane.
- Define core count, bus/TSP requirements, fibre type/count and support/termination method.
- Basket design: minimum diameter 30D and approximate height 45D, adjusted for speed, lift and wind.
- Keep legacy matrices separate from current XPRT commercial availability and current Part numbers.
- For XTRM, obtain the exact production drawing because the public flyer provides only one representative configuration.

Branch	Designation	Application	Construction	Speed	Moving temperature	
Basket legacy / BSKT XPRT	3GSLTOE-J/-O	Gravity-fed collector basket	EPR insulation, central aramid/lead-ball support, black PUR	160 m/min	−40…+80°C	5
Basket FO / BSKT XPRT	SYSLTOE-J/-O	Basket cable with dedicated LWL element	Thermoplastic insulation, central support, black PUR	160 m/min	−40…+80°C	3

Branch	Designation	Application	Construction	Speed	Moving temperature	
Arctic basket	3GSLTOE / SYSLTOE −50°C	Cold-climate basket operation	Cold EPR/PUR compounds	160 m/min	−50…+80°C	N
Vertical / REEL XPRT	legacy (N)SHTOEU-J/-O	Spreader vertical reeling	Central aramid, yellow PCP, polyester braid	240 m/min	−35…+80°C	2
Mobile harbour / XTRM	37x2.5 + CAN BUS example	Mobile harbour crane spreader reeling	High-strength reinforced public design	160 m/min	not published	1 r

7. Electrical, thermal and mechanical framework

Voltage
Rated 0.6/1 kV; maximum AC 0.7/1.2 kV; maximum DC 0.9/1.8 kV.

Test voltage
Main cores 3.5 kV for five minutes; SYSLTOE control cores 1 kV.

Thermal
90°C conductor and 250°C short-circuit conductor temperature.

Basket geometry
Recommended minimum basket diameter 30D and approximate basket height 45D.

Installation direction
Basket cable is specified to be laid counter-clockwise.

Arctic
Cold-rated EPR/PUR, fixed and fully flexible operation from −50 to +80°C.

8. Complete 3GSLTOE basket matrix — 50 rows

The source table does not publish a row-by-row tensile-force column. F15 and the minimum 50 m support-breaking requirement are therefore shown only as derived engineering references.

▼ 3GSLTOE · Metric control · 13 rows

Construction	Part	Conductor Ø	Dmin	Dmax	R	kg/km	F15 derived	50m support break min. derived	R20	A
48x1	20153609	1.3	31.1	34.1	171	2470	**720**	**6057.68**	19.5	18
24x2.5	20153610	2	29.1	32.1	161	1860	**900**	**4561.65**	7.98	30
30x2.5	20157101	2	31.1	34.1	171	2360	**1125**	**5787.9**	7.98	30
36x2.5	20157102	2	34.5	37.5	188	2920	**1350**	**7161.3**	7.98	30
42x2.5	20157103	2	36.8	39.8	199	3670	**1575**	**9000.68**	7.98	30
48x2.5	20157104	2	41.3	44.3	222	4240	**1800**	**10398.6**	7.98	30
54x2.5	20156743	2	45.5	48.5	243	4090	**2025**	**10030.7**	7.98	30
24x3.5	20157105	2.4	32	35	175	2460	**1260**	**6033.15**	5.55	39
30x3.5	20157106	2.4	34.3	37.3	187	3100	**1575**	**7602.75**	5.55	39
36x3.5	20157107	2.4	37.9	40.9	205	3920	**1890**	**9613.8**	5.55	39
42x3.5	20157108	2.4	42.4	45.4	227	4720	**2205**	**11575.8**	5.55	39
48x3.5	20168277	2.4	48.1	51.1	256	4470	**2520**	**10962.7**	5.55	39
7x4	20157109	3	18.1	20.1	101	690	**420**	**1692.22**	4.95	41

▼ 3GSLTOE · Bus / screened pair · 4 rows

Construction	Part	Conductor Ø	Dmin	Dmax	R	kg/km	F15 derived	50m support break min. derived	R20	A
24x2.5+1x(2x1)C	20167170	2	31.1	34.1	171	2320	**900**	**5689.8**	7.98	30
24x2.5+4x(2x1)C	20161731	2	41.2	44.2	221	3760	**900**	**9221.4**	7.98	30
36x2.5+2x(2x1)C	20161565	2	41.3	44.3	222	4040	**1350**	**9908.1**	7.98	30
42x2.5+2x(2x1)C	20057241	2	43.5	46.5	233	3700	**1575**	**9074.25**	7.98	30

▼ 3GSLTOE · Metric control with FO · 22 rows

Construction	Part	Conductor Ø	Dmin	Dmax	R	kg/km	F15 derived	50m support break min. derived	R20	A
24x2.5+6x(1G62.5)	20197805	2	31.1	34.1	171	2230	900	5469.07	7.98	30
24x2.5+6x(1G50)	20197809	2	31.1	34.1	171	2230	900	5469.07	7.98	30
24x2.5+6x(1E9)	20258314	2	31.1	34.1	171	2230	900	5469.07	7.98	30
24x2.5+12x(1G62.5)	20166384	2	34.5	37.5	188	2660	900	6523.65	7.98	30
30x2.5+6x(1G62.5)	20157411	2	34.5	37.5	188	2780	1125	6817.95	7.98	30
30x2.5+6x(1G50)	20168646	2	34.5	37.5	188	2780	1125	6817.95	7.98	30
30x2.5+6x(1E9)	20257771	2	34.5	37.5	188	2780	1125	6817.95	7.98	30
30x2.5+6x(2G62.5)	20180760	2	34.5	37.5	188	2780	1125	6817.95	7.98	30
32x2.5+4x(3E9)	20160402	2	35.1	38.1	191	2700	1200	6621.75	7.98	30
36x2.5+6x(1G62.5)	20166382	2	36.8	39.8	199	3540	1350	8681.85	7.98	30
36x2.5+6x(1E9)	20175741	2	36.8	39.8	199	3560	1350	8730.9	7.98	30
36x2.5+6x(2G62.5)	20164200	2	36.8	39.8	199	3540	1350	8681.85	7.98	30
36x2.5+6x(2G50)	20161440	2	36.8	39.8	199	3550	1350	8706.38	7.98	30
36x2.5+6x(2E9)	20172699	2	36.8	39.8	199	3560	1350	8730.9	7.98	30
36x2.5+12x(1G62.5)	20173762	2	41.3	44.3	222	3800	1350	9319.5	7.98	30
42x2.5+6x(1G62.5)	20160680	2	41.3	44.3	222	4110	1575	10079.8	7.98	30
42x2.5+6x(2G62.5)	20155769	2	41.3	44.3	222	4110	1575	10079.8	7.98	30
42x2.5+6x(2G50)	20161435	2	41.3	44.3	222	4120	1575	10104.3	7.98	30
42x2.5+6x(2E9)	20163163	2	41.3	44.3	222	3910	1575	9589.28	7.98	30
42x2.5+6x(3E9)	20158105	2	41.3	44.3	222	3910	1575	9589.28	7.98	30
42x3.5+6x(1G62.5)	20162021	2.4	48.1	51.1	256	4490	2205	11011.7	5.55	39
42x3.5+6x(2G62.5)	20196482	2.4	48.1	51.1	256	4490	2205	11011.7	5.55	39

▼ 3GSLTOE · AWG control · 6 rows

Construction	Part	Conductor Ø	Dmin	Dmax	R	kg/km	F15 derived	50m support break min. derived	R20	A
20x12AWG	20164631	2.4	30.3	33.3	167	1910	3600	4684.27	5.75	39
24x12AWG	20160976	2.4	31.6	34.6	173	2470	4320	6057.68	5.75	39
30x12AWG	20164632	2.4	34.4	37.4	187	3000	5400	7357.5	5.75	39
36x12AWG	20164633	2.4	38.1	41.1	206	3910	6480	9589.28	5.75	39
42x12AWG	20154751	2.4	42.4	45.4	227	4710	7560	11551.3	5.75	39
48x12AWG	20175750	2.4	48.1	51.1	256	4500	8640	11036.3	5.75	39

▼ 3GSLTOE · AWG control with FO · 5 rows

Construction	Part	Conductor Ø	Dmin	Dmax	R	kg/km	F15 derived	50m support break min. derived	R20	A
20x12AWG+4x(1G62.5)	20164634	2.4	32	35	175	2330	3600	5714.32	5.75	39
32x12AWG+4x(1G62.5)	20164635	2.4	38.9	41.9	210	3740	5760	9172.35	5.75	39
36x12AWG+6x(1G62.5)	20164636	2.4	43.4	46.4	232	4740	6480	11624.9	5.75	39
38x12AWG+4x(1G62.5)	20162022	2.4	42.4	45.4	227	4720	6840	11575.8	5.75	39
38x12AWG+4x(3G62.5)	20164637	2.4	42.4	45.4	227	4720	6840	11575.8	5.75	39

9. Complete SYSLTOE dedicated-FO matrix — 31 rows

▼ SYSLTOE · 24 control cores · 6 rows

Construction	Part	Conductor Ø	Dmin	Dmax	R	kg/km	Fmax source	50m support break min. derived	R20	A
24x2.5+1x(12G62.5LWL)	*not published*	2	31.1	34.1	171	2200	900	5395.5	7.98	30
24x2.5+1x(12G50LWL)	*not published*	2	31.1	34.1	171	2200	900	5395.5	7.98	30
24x2.5+1x(12E9LWL)	*not published*	2	31.1	34.1	171	2200	900	5395.5	7.98	30
24x2.5+1x(18G62.5LWL)	*not published*	2	31.1	34.1	171	2200	900	5395.5	7.98	30
24x2.5+1x(18G50LWL)	*not published*	2	31.1	34.1	171	2200	900	5395.5	7.98	30
24x2.5+1x(18E9LWL)	*not published*	2	31.1	34.1	171	2200	900	5395.5	7.98	30

▼ SYSLTOE · 30 control cores · 6 rows

Construction	Part	Conductor Ø	Dmin	Dmax	R	kg/km	Fmax source	50m support break min. derived	R20	A
30x2.5+1x(12G62.5LWL)	*not published*	2	34.5	37.5	188	2700	1125	6621.75	7.98	30
30x2.5+1x(12G50LWL)	*not published*	2	34.5	37.5	188	2700	1125	6621.75	7.98	30
30x2.5+1x(12E9LWL)	*not published*	2	34.5	37.5	188	2700	1125	6621.75	7.98	30
30x2.5+1x(18G62.5LWL)	*not published*	2	34.5	37.5	188	2700	1125	6621.75	7.98	30
30x2.5+1x(18G50LWL)	*not published*	2	34.5	37.5	188	2700	1125	6621.75	7.98	30
30x2.5+1x(18E9LWL)	*not published*	2	34.5	37.5	188	2700	1125	6621.75	7.98	30

▼ SYSLTOE · 36 control cores · 6 rows

Construction	Part	Conductor Ø	Dmin	Dmax	R	kg/km	Fmax source	50m support break min. derived	R20	A
36x2.5+1x(12G62.5LWL)	20349161	2	36.8	39.8	199	3350	1350	8215.88	7.98	30
36x2.5+1x(12G50LWL)	*not published*	2	36.8	39.8	199	3350	1350	8215.88	7.98	30
36x2.5+1x(12E9LWL)	*not published*	2	36.8	39.8	199	3350	1350	8215.88	7.98	30
36x2.5+1x(18G62.5LWL)	*not published*	2	36.8	39.8	199	3350	1350	8215.88	7.98	30
36x2.5+1x(18G50LWL)	*not published*	2	36.8	39.8	199	3350	1350	8215.88	7.98	30
36x2.5+1x(18E9LWL)	*not published*	2	36.8	39.8	199	3350	1350	8215.88	7.98	30

▼ SYSLTOE · 42 control cores · 6 rows

Construction	Part	Conductor Ø	Dmin	Dmax	R	kg/km	Fmax source	50m support break min. derived	R20	A
42x2.5+1x(12G62.5LWL)	20313288	2	41.3	44.3	222	4090	1575	10030.7	7.98	30
42x2.5+1x(12G50LWL)	20316179	2	41.3	44.3	222	4090	1575	10030.7	7.98	30
42x2.5+1x(12E9LWL)	*not published*	2	41.3	44.3	222	4090	1575	10030.7	7.98	30
42x2.5+1x(18G62.5LWL)	*not published*	2	41.3	44.3	222	4090	1575	10030.7	7.98	30
42x2.5+1x(18G50LWL)	*not published*	2	41.3	44.3	222	4090	1575	10030.7	7.98	30
42x2.5+1x(18E9LWL)	20360587	2	41.3	44.3	222	4090	1575	10030.7	7.98	30

▼ SYSLTOE · 48 control cores · 6 rows

Construction	Part	Conductor Ø	Dmin	Dmax	R	kg/km	Fmax source	50m support break min. derived	R20	A
48x2.5+1x(12G62.5LWL)	20310813	2	45.5	48.5	243	3950	1800	9687.38	7.98	30
48x2.5+1x(12G50LWL)	*not published*	2	45.5	48.5	243	3950	1800	9687.38	7.98	30
48x2.5+1x(12E9LWL)	20310814	2	45.5	48.5	243	3950	1800	9687.38	7.98	30
48x2.5+1x(18G62.5LWL)	20310815	2	45.5	48.5	243	3950	1800	9687.38	7.98	30
48x2.5+1x(18G50LWL)	*not published*	2	45.5	48.5	243	3950	1800	9687.38	7.98	30

Construction	Part	Conductor Ø	Dmin	Dmax	R	kg/km	Fmax source	50m support break min. derived	R20	A
48x2.5+1x(18E9LWL)	*not published*	2	45.5	48.5	243	3950	1800	9687.38	7.98	30

▼ SYSLTOE · 54 control cores · 1 rows

Construction	Part	Conductor Ø	Dmin	Dmax	R	kg/km	Fmax source	50m support break min. derived	R20	A
54x2.5	20360911	2	45.5	48.5	243	4090	2025	10030.7	7.98	30

10. SPREADERFLEX REEL XPRT mapped legacy matrix — 28 rows

▼ SPREADERFLEX REEL XPRT mapped legacy matrix · Plain control · 6 rows

Construction	Legacy Part	Conductor Ø	Dmin	Dmax	R	kg/km	Fmax source	R20	A	Isc
49x1	20004108	1.3	26.6	29.6	148	1250	3200	19.5	18	0.14
12x2.5	20004109	2	22	25	125	870	2700	7.98	30	0.36
24x2.5	20004112	2	26.2	29.2	146	1300	3600	7.98	30	0.36
30x2.5	20004113	2	29.4	32.4	162	1630	4100	7.98	30	0.36
44x2.5	20004115	2	34.1	37.1	186	2200	5100	7.98	30	0.36
56x2.5	20004107	2	40.1	43.1	216	2960	6000	7.98	30	0.36

▼ SPREADERFLEX REEL XPRT mapped legacy matrix · Composite control · 3 rows

Construction	Legacy Part	Conductor Ø	Dmin	Dmax	R	kg/km	Fmax source	R20	A	Is
24x2.5+3x(2x1.5)	20004099	2	39.7	42.7	214	2380	3600	7.98	30	0.36
42x2.5+2x1(C)	20042616	2	34.1	37.1	186	2280	4950	7.98	30	0.36
45x2.5+(4x0.5)C	20163404	2	42.9	45.9	230	2830	5175	7.98	30	0.36

▼ SPREADERFLEX REEL XPRT mapped legacy matrix · Control with FO · 19 rows

Construction	Legacy Part	Conductor Ø	Dmin	Dmax	R	kg/km	Fmax source	R20	A	Is
20x2.5+4x(3G62.5)	20171160	2	27.2	30.2	151	1230	3300	8.21	30	0.36
22x2.5+4x(3G50)	20004111	2	28.2	31.2	156	1390	3450	7.98	30	0.36
22x2.5+2x(3G62.5)	20008607	2	26.2	29.2	146	1260	3450	7.98	30	0.36
24x2.5+6x(2G62.5)	20079358	2	29.4	32.4	162	1510	3600	7.98	30	0.36
28x2.5+2x(3G62.5)	20156011	2	29.4	32.4	162	1590	3900	7.98	30	0.36
28x2.5+2x(3G50)	20149375	2	29.4	32.4	162	1590	3900	7.98	30	0.36
36x2.5+8x(1G62.5)	20091976	2	34.1	37.1	186	2050	4500	7.98	30	0.36
38x2.5+6x(2G62.5)	20040061	2	34.1	37.1	186	2090	4650	7.98	30	0.36
41x2.5+3x(2G62.5)	20116888	2	34.1	37.1	186	2150	4875	7.98	30	0.36
41x2.5+3x(2G50)	20142021	2	34.1	37.1	186	2160	4875	7.98	30	0.36
42x2.5+2x(3G62.5)	20081032	2	34.1	37.1	186	2170	4950	7.98	30	0.36
44x2.5+3x(2G62.5)	20155500	2	35.5	38.5	193	2300	5100	7.98	30	0.36
44x2.5+4x(3G62.5)	20160144	2	35.5	38.5	193	2330	5100	7.98	30	0.36
44x2.5+3x(3G50)	20025456	2	35.5	38.5	193	2310	5100	7.98	30	0.36
44x2.5+3x(3G62.5)	20143212	2	35.5	38.5	193	2310	5100	7.98	30	0.36
50x2.5+6x(1G50)	20004095	2	40.1	43.1	216	2840	5550	7.98	30	0.36
52x2.5+4x(3G62.5)	20080536	2	40.1	43.1	216	2890	5700	7.98	30	0.36
56x2.5+3x(3G62.5)	20004096	2	41.3	44.3	222	3030	6000	7.98	30	0.36
56x2.5+4x(3G62.5)	20085758	2	41.3	44.3	222	3080	6000	7.98	30	0.36

11. SPREADERFLEX XTRM representative record

Construction	Part	Voltage	Dmin	Dmax	kg/km	Tensile	Breaking	Speed	Lift height	Total length	Status
37x2.5 + CAN BUS 1x(2x0.24 mm²)	*not published*	0.6/1 kV	27.7	29.7	1500	>4500 N	>20000 N	160 m/min	90 m	130 m	public representative configuration; furth

12. Representative engineering calculations

Three-phase comparison at 1 kV: S = √3 × U × I

Active power at cosφ 0.9: P = S × 0.9

Resistive voltage drop for 100 m: ΔU = √3 × I × R20 × 0.1 km

Weight of 100 m: mass × 0.1 × g

Minimum free loop diameter: approximately 2 × published moving radius

Basket support minimum break reference: 5 × cable mass per metre × g × 50 m

Power calculations are only comparison values for control-heavy constructions. Basket support calculations are lower-bound design checks, not published cable breaking strengths.

Family	Construction	A	kVA	kW	ΔU/100m	Weight 100m	
3GSLTOE	42x2.5	30	52	46.8	4.15%	3.6 kN	398 mm
3GSLTOE + FO	42x2.5+6x(2G62.5)	30	52	46.8	4.15%	4.03 kN	444 mm
SYSLTOE	42x2.5+1x(18E9LWL)	30	52	46.8	4.15%	4.01 kN	444 mm
REEL XPRT legacy	44x2.5+4x(3G62.5)	30	52	46.8	4.15%	2.29 kN	386 mm

13. Source anomaly and inference audit

Family	Field	Source status	Treatment
3GSLTOE	Permissible tensile force	Not tabulated	15 N/mm² conductor reference is derived separately; actual support-assisted limi
3GSLTOE / SYSLTOE	Support breaking load	Not tabulated per row	Minimum required break load for 50 m and safety factor five is calculated from ca
SYSLTOE	Part numbers	Most rows blank	Kept blank; only eight published identifiers are retained.
REEL XPRT	Current commercial matrix	Not published in the mapping brochure	The 2019 CORDAFLEX(SMK)-V matrix is labelled as legacy mapped data, not a table.
XTRM	Exact layer materials and Part number	Not published	The cross-section is explicitly an engineering interpretation of the public flyer ima
3GSLTOE 54x2.5	Mass	4090 kg/km, lower than 48x2.5	Preserved exactly as source data; no silent correction.
3GSLTOE 42x2.5+2x(2x1)C	Mass	3700 kg/km, lower than nearby 36-core composite	Preserved and flagged as a source characteristic.

14. Installation and acceptance checklist

- Confirm BSKT XPRT, REEL XPRT, Arctic or XTRM before selecting dimensions.
- For basket operation, follow the specified counter-clockwise lay direction and verify 30D/45D basket geometry against lift, speed and wind load.
- Define the support-element termination; do not transfer suspended load through electrical conductors alone.
- Confirm fibre type/count, optical budget, breakout length, splice/connector architecture and OTDR baseline.
- For screened pairs, verify protocol impedance, attenuation and bonding.
- For REEL XPRT, obtain a current datasheet rather than ordering from a legacy Part number alone.
- For XTRM, obtain the exact construction drawing and confirm total cable length, lift height and support termination.

15. Failure mode and effects analysis

Wrong basket direction: reverse coiling introduces twist and unstable basket payout.

Undersized basket: diameter below 30D increases compression and loop damage.

Support bypass: electrical cores carry suspended mass instead of the aramid system.

FO microbending: basket pressure or guide geometry increases attenuation.

Legacy mapping error: an old CORDAFLEX-V Part number is treated as a confirmed current REEL XPRT code.

XTRM assumption: unpublished compounds or layer dimensions are inferred from a marketing image.

16. Source map and scope

Document	Role	Scope
Prysmian Crane Cables General Catalogue 2024, pages 44–51	Basket designs and matrices	3GSLTOE construction and 50 rows; SYSLTOE construction and 31 rows.
Same catalogue, pages 38–40	Vertical-reeling legacy matrix	CORDAFLEX(SMK)-V construction, limits and 28 rows.
Arctic Crane Cables brochure	Low-temperature branch	3GSLTOE/SYSLTOE −50°C, 160 m/min and 7–56 control cores with FO/TSP opt
New Crane Cable Technology brand map	Current naming	BSKT XPRT, REEL XPRT and XTRM mappings.
SPREADERFLEX XTRM flyer	Representative public design	37x2.5 + CAN BUS, performance, dimensions, mass and lift data.

This article supports preliminary engineering and technical comparison. Current Part numbers, exact compounds, certificates, construction drawings and guaranteed mechanical limits must be confirmed for the exact production batch.

Feichun Cable — SPREADERFLEX engineering support

Phone
+86 13855123218

Technical email
Tech@feichuncables.com

Feichun Cable is not affiliated with the owners of SPREADERFLEX, CORDAFLEX, 3GSLTOE, SYSLTOE or XPRT. Diagrams are independent engineering reconstructions, not manufacturing drawings. Source and derived values are explicitly separated.

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