



USE OF CABLE

reeling power cable also for trolley systems for power resp. data transmission for high and extreme mechanical stress such as dynamic tensile stress, multiple direction changes in different levels. Especially for mobile facilities such as fast running container cranes, crane facilities, mobile heavy equipment and diggers. Suitable for dry, humid and wet rooms and for outdoor use.



SPECIAL FEATURES

- free from lacquer damaging substances and silicone (during production)
- reduced outer diameters and weights
- for travelling speed up to 180 m / min
- failure-free data transmission via FO

REMARKS

- conform to RoHS
- termination on request
- We are pleased to produce special versions, other dimensions, core and jacket colours on request.
- We are pleased to offer you the cables assembled with fitting terminations and ST connectors (FO).

PRODUCT INFORMATION

Conductor material:	Bare copper strand; FO: Graded index-fibre 62,5/125 μ
Conductor class:	Acc. to DIN VDE 0295 class 5 resp. IEC 60228 class 5
Core insulation:	Rubber compound; FO: with jelly filled PETP tubes in an envelope of heat resistant compound
Core identification:	Natural coloured with inner and outer black semi-conductive layer
Overall stranding:	Cores layed up around conductive filler with aramid rope in the center, splitted earth conductors and FO element in the interstices
Inner sheath material:	Rubber compound
Outer sheath:	Rubber compound
Sheath colour:	Red
Rated voltage:	3,6/6 kV to 12/20 kV
Testing voltage:	11 kV to 29 kV
Current-carrying-capacity:	Acc. to DIN VDE, see Technical Guideline
Min. bending radius fixed:	Acc. to DIN VDE 0298 part 3
Min. bending radius moved:	Acc. to DIN VDE 0298 part 3
Operat. temp. fixed min/max:	-40 °C / +80 °C
Operat. temp. moved min/max:	-25 °C / +80 °C
Temp. at conductor:	+90 °C
Burning behavior:	Self-extinguishing & flame retardant acc.to IEC 60332-1
Torsion:	$\pm 50^\circ$ / m
Tensile strength:	Tensile strength max. 20 N / mm ²
Standard:	Similar to DIN VDE 0250

ITEM OVERVIEW

Product No.	Dimension [n x mm ²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
3000193	3 X 25 + 3 X 10	38,0 - 42,0	960,00	2380,00	red	V1: REELTEC KSM-S (N)TSCGEWÖU 3,6/6 kV
3001650	3 X 25 + 3 X 25/3	38,5 - 42,0	960,00	2475,00	red	V1: REELTEC KSM-S (N)TSCGEWÖU 3,6/6 kV
3001651	3 X 35 + 3 X 25/3	41,0 - 46,0	1248,00	2750,00	red	V1: REELTEC KSM-S (N)TSCGEWÖU 3,6/6 kV
3001652	3 X 50 + 3 X 25/3	44,0 - 49,0	1680,00	3385,00	red	V1: REELTEC KSM-S (N)TSCGEWÖU 3,6/6 kV
3001653	3 X 70 + 3 X 35/3	49,0 - 54,0	2352,00	4400,00	red	V1: REELTEC KSM-S (N)TSCGEWÖU 3,6/6 kV
3001654	3 X 95 + 3 X 50/3	54,0 - 58,0	3216,00	5300,00	red	V1: REELTEC KSM-S (N)TSCGEWÖU 3,6/6 kV
3001655	3 X 120 + 3 X 70/3	58,0 - 62,0	4128,00	6400,00	red	V1: REELTEC KSM-S (N)TSCGEWÖU 3,6/6 kV
3001656	3 X 150 + 3 X 70/3	61,0 - 69,0	4992,00	7600,00	red	V1: REELTEC KSM-S (N)TSCGEWÖU 3,6/6 kV
3001657	3 X 185 + 3 X 95/3	67,0 - 72,0	6240,00	9200,00	red	V1: REELTEC KSM-S (N)TSCGEWÖU 3,6/6 kV
3001658	3 X 240 + 3 X 120/3	71,0 - 79,0	8064,00	12100,00	red	V1: REELTEC KSM-S (N)TSCGEWÖU 3,6/6 kV
3001659	3 X 25 + 3 X 25/3	39,0 - 45,0	960,00	2400,00	red	V2: REELTEC KSM-S (N)TSCGEWÖU 6/10 kV
3001660	3 X 35 + 3 X 25/3	42,0 - 48,0	1248,00	2800,00	red	V2: REELTEC KSM-S (N)TSCGEWÖU 6/10 kV

REELTEC® KSM-S (N)TSCGEWÖU, (N)TSCGEWÖU + FO

Product No.	Dimension [n x mm ²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
3001661	3 X 50 + 3 X 25/3	46,0 - 51,0	1680,00	3390,00	red	V2: REELTEC KSM-S (N)TSCGEWÖU 6/10 kV
3001771	3 X 50 + 3 X 50/3	45,0 - 49,0	2024,00	3990,00	red	V2: REELTEC KSM-S (N)TSCGEWÖU 6/10 kV
3001662	3 X 70 + 3 X 35/3	49,0 - 57,0	2352,00	4720,00	red	V2: REELTEC KSM-S (N)TSCGEWÖU 6/10 kV
3001663	3 X 95 + 3 X 50/3	54,0 - 59,0	3216,00	5400,00	red	V2: REELTEC KSM-S (N)TSCGEWÖU 6/10 kV
3001664	3 X 120 + 3 X 70/3	58,0 - 63,0	4128,00	6700,00	red	V2: REELTEC KSM-S (N)TSCGEWÖU 6/10 kV
3001665	3 X 150 + 3 X 70/3	63,0 - 69,0	4992,00	7680,00	red	V2: REELTEC KSM-S (N)TSCGEWÖU 6/10 kV
3001666	3 X 185 + 3 X 95/3	67,0 - 73,0	6240,00	9100,00	red	V2: REELTEC KSM-S (N)TSCGEWÖU 6/10 kV
3001667	3 X 240 + 3 X 120/3	73,0 - 80,0	8064,00	12400,00	red	V2: REELTEC KSM-S (N)TSCGEWÖU 6/10 kV
3001668	3 X 25 + 3 X 25/3	42,0 - 47,0	960,00	2700,00	red	V3: REELTEC KSM-S (N)TSCGEWÖU 8,7/15 kV
3001669	3 X 35 + 3 X 25/3	45,0 - 49,0	1248,00	3100,00	red	V3: REELTEC KSM-S (N)TSCGEWÖU 8,7/15 kV
3001670	3 X 50 + 3 X 25/3	49,0 - 53,0	1680,00	3960,00	red	V3: REELTEC KSM-S (N)TSCGEWÖU 8,7/15 kV
3001671	3 X 70 + 3 X 35/3	53,0 - 57,0	2352,00	4750,00	red	V3: REELTEC KSM-S (N)TSCGEWÖU 8,7/15 kV
3001672	3 X 95 + 3 X 50/3	58,0 - 62,0	3216,00	6050,00	red	V3: REELTEC KSM-S (N)TSCGEWÖU 8,7/15 kV
3001673	3 X 120 + 3 X 70/3	61,0 - 67,0	4128,00	7265,00	red	V3: REELTEC KSM-S (N)TSCGEWÖU 8,7/15 kV
3001674	3 X 150 + 3 X 70/3	66,0 - 70,0	4992,00	8500,00	red	V3: REELTEC KSM-S (N)TSCGEWÖU 8,7/15 kV
3001675	3 X 185 + 3 X 95/3	70,0 - 75,0	6240,00	9900,00	red	V3: REELTEC KSM-S (N)TSCGEWÖU 8,7/15 kV
3001676	3 X 240 + 3 X 120/3	75,0 - 79,0	8064,00	12900,00	red	V3: REELTEC KSM-S (N)TSCGEWÖU 8,7/15 kV
3001677	3 X 25 + 3 X 25/3	44,0 - 51,0	960,00	2880,00	red	V4: REELTEC KSM-S (N)TSCGEWÖU 12/20 kV
3001678	3 X 35 + 3 X 25/3	47,0 - 56,0	1248,00	3550,00	red	V4: REELTEC KSM-S (N)TSCGEWÖU 12/20 kV
3001679	3 X 50 + 3 X 25/3	51,0 - 59,0	1680,00	4050,00	red	V4: REELTEC KSM-S (N)TSCGEWÖU 12/20 kV
3001680	3 X 70 + 3 X 35/3	56,0 - 62,0	2352,00	5150,00	red	V4: REELTEC KSM-S (N)TSCGEWÖU 12/20 kV
3001681	3 X 95 + 3 X 50/3	60,0 - 67,0	3216,00	6450,00	red	V4: REELTEC KSM-S (N)TSCGEWÖU 12/20 kV
3001682	3 X 120 + 3 X 70/3	66,0 - 71,0	4128,00	7700,00	red	V4: REELTEC KSM-S (N)TSCGEWÖU 12/20 kV
3001683	3 X 150 + 3 X 70/3	69,0 - 74,0	4992,00	8550,00	red	V4: REELTEC KSM-S (N)TSCGEWÖU 12/20 kV
3001684	3 X 185 + 3 X 95/3	75,0 - 81,0	6240,00	10600,00	red	V4: REELTEC KSM-S (N)TSCGEWÖU 12/20 kV
3001685	3 X 240 + 3 X 120/3	80,0 - 87,0	8064,00	13200,00	red	V4: REELTEC KSM-S (N)TSCGEWÖU 12/20 kV
3001686	3 X 25 + 2 X 25/2 + 12 G 62,5/125	38,0 - 45,0	960,00	2380,00	red	V5: REELTEC KSM-S (N)TSCGEWÖU + FO 3,6/6 kV
3001687	3 X 35 + 2 X 25/2 + 12 G 62,5/125	41,0 - 48,0	1248,00	2750,00	red	V5: REELTEC KSM-S (N)TSCGEWÖU + FO 3,6/6 kV
3002368	3 X 35 + 2 X 25/2 + 12 G 50/125	41,0 - 48,0	1248,00	2750,00	red	V5: REELTEC KSM-S (N)TSCGEWÖU + FO 3,6/6 kV
3001688	3 X 50 + 2 X 25/2 + 12 G 62,5/125	44,0 - 52,0	1680,00	3100,00	red	V5: REELTEC KSM-S (N)TSCGEWÖU + FO 3,6/6 kV
3001689	3 X 70 + 2 X 35/2 + 12 G 62,5/125	50,0 - 56,0	2352,00	4400,00	red	V5: REELTEC KSM-S (N)TSCGEWÖU + FO 3,6/6 kV
3001690	3 X 95 + 2 X 50/2 + 12 G 62,5/125	54,0 - 62,0	3216,00	5300,00	red	V5: REELTEC KSM-S (N)TSCGEWÖU + FO 3,6/6 kV
3001691	3 X 120 + 2 X 70/2 + 12 G 62,5/125	58,0 - 66,0	4128,00	6400,00	red	V5: REELTEC KSM-S (N)TSCGEWÖU + FO 3,6/6 kV
3001692	3 X 150 + 2 X 70/2 + 12 G 62,5/125	63,0 - 73,0	4992,00	7600,00	red	V5: REELTEC KSM-S (N)TSCGEWÖU + FO 3,6/6 kV
3001693	3 X 185 + 2 X 95/2 + 12 G 62,5/125	67,0 - 72,0	6240,00	9200,00	red	V5: REELTEC KSM-S (N)TSCGEWÖU + FO 3,6/6 kV
3001694	3 X 240 + 2 X 120/2 + 12 G 62,5/125	71,0 - 76,0	8064,00	12100,00	red	V5: REELTEC KSM-S (N)TSCGEWÖU + FO 3,6/6 kV
3001695	3 X 25 + 2 X 25/2 + 12 G 62,5/125	39,0 - 45,0	960,00	2400,00	red	V6: REELTEC KSM-S (N)TSCGEWÖU + FO 6/10 kV
3003373	3 X 25 + 2 X 25/2 + 20 G 62,5/125	39,0 - 45,0	960,00	2470,00	red	V6: REELTEC KSM-S (N)TSCGEWÖU + FO 6/10 kV
3001696	3 X 35 + 2 X 25/2 + 12 G 62,5/125	42,0 - 48,0	1248,00	2800,00	red	V6: REELTEC KSM-S (N)TSCGEWÖU + FO 6/10 kV
3001697	3 X 50 + 2 X 25/2 + 12 G 62,5/125	45,0 - 52,0	1680,00	3690,00	red	V6: REELTEC KSM-S (N)TSCGEWÖU + FO 6/10 kV
3001698	3 X 70 + 2 X 35/2 + 12 G 62,5/125	53,0 - 57,0	2352,00	4720,00	red	V6: REELTEC KSM-S (N)TSCGEWÖU + FO 6/10 kV
3001699	3 X 95 + 2 X 50/2 + 12 G 62,5/125	54,0 - 62,0	3216,00	5400,00	red	V6: REELTEC KSM-S (N)TSCGEWÖU + FO 6/10 kV
3001780	3 X 95 + 2 X 50/2 + 24 G 50/125	54,0 - 62,0	3216,00	5400,00	red	V6: REELTEC KSM-S (N)TSCGEWÖU + FO 6/10 kV

REELTEC® KSM-S (N)TSCGEWÖU, (N)TSCGEWÖU + FO

Product No.	Dimension [n x mm ²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
3004748	3 X 95 + 2 X 50/2 + 24 E9/125	54,0 - 62,0	3216,00	5800,00	red	V6: REELTEC KSM-S (N)TSCGEWÖU + FO 6/10 kV
3001700	3 X 120 + 2 X 70/2 + 12 G 62,5/125	58,0 - 66,0	4128,00	6700,00	red	V6: REELTEC KSM-S (N)TSCGEWÖU + FO 6/10 kV
3001701	3 X 150 + 2 X 70/2 + 12 G 62,5/125	63,0 - 73,0	4992,00	7680,00	red	V6: REELTEC KSM-S (N)TSCGEWÖU + FO 6/10 kV
3001702	3 X 185 + 2 X 95/2 + 12 G 62,5/125	68,0 - 73,0	6240,00	9350,00	red	V6: REELTEC KSM-S (N)TSCGEWÖU + FO 6/10 kV
3001703	3 X 240 + 2 X 120/2 + 12 G 62,5/125	73,0 - 78,0	8064,00	12400,00	red	V6: REELTEC KSM-S (N)TSCGEWÖU + FO 6/10 kV
3001704	3 X 25 + 2 X 25/2 + 12 G 62,5/125	42,0 - 50,0	960,00	2700,00	red	V7: REELTEC KSM-S (N)TSCGEWÖU + FO 8,7/15 kV
3001705	3 X 35 + 2 X 25/2 + 12 G 62,5/125	42,0 - 52,0	1248,00	3100,00	red	V7: REELTEC KSM-S (N)TSCGEWÖU + FO 8,7/15 kV
3001706	3 X 50 + 2 X 25/2 + 12 G 62,5/125	49,0 - 55,0	1680,00	3960,00	red	V7: REELTEC KSM-S (N)TSCGEWÖU + FO 8,7/15 kV
3001707	3 X 70 + 2 X 35/2 + 12 G 62,5/125	53,0 - 61,0	2352,00	4750,00	red	V7: REELTEC KSM-S (N)TSCGEWÖU + FO 8,7/15 kV
3001708	3 X 95 + 2 X 50/2 + 12 G 62,5/125	58,0 - 65,0	3216,00	6050,00	red	V7: REELTEC KSM-S (N)TSCGEWÖU + FO 8,7/15 kV
3001709	3 X 120 + 2 X 70/2 + 12 G 62,5/125	63,0 - 70,0	4128,00	7265,00	red	V7: REELTEC KSM-S (N)TSCGEWÖU + FO 8,7/15 kV
3001710	3 X 150 + 2 X 70/2 + 12 G 62,5/125	66,0 - 70,0	4992,00	8500,00	red	V7: REELTEC KSM-S (N)TSCGEWÖU + FO 8,7/15 kV
3001711	3 X 185 + 2 X 95/2 + 12 G 62,5/125	70,0 - 74,0	6240,00	9900,00	red	V7: REELTEC KSM-S (N)TSCGEWÖU + FO 8,7/15 kV
3001712	3 X 240 + 2 X 120/2 + 12 G 62,5/125	75,0 - 79,0	8064,00	12900,00	red	V7: REELTEC KSM-S (N)TSCGEWÖU + FO 8,7/15 kV
3001713	3 X 25 + 2 X 25/2 + 12 G 62,5/125	44,0 - 53,0	960,00	2880,00	red	V8: REELTEC KSM-S (N)TSCGEWÖU + FO 12/20 kV
3001714	3 X 35 + 2 X 25/2 + 12 G 62,5/125	47,0 - 55,0	1248,00	3550,00	red	V8: REELTEC KSM-S (N)TSCGEWÖU + FO 12/20 kV
3001715	3 X 50 + 2 X 25/2 + 12 G 62,5/125	51,0 - 60,0	1680,00	4050,00	red	V8: REELTEC KSM-S (N)TSCGEWÖU + FO 12/20 kV
3001716	3 X 70 + 2 X 35/2 + 12 G 62,5/125	56,0 - 64,0	2352,00	4850,00	red	V8: REELTEC KSM-S (N)TSCGEWÖU + FO 12/20 kV
3001717	3 X 95 + 2 X 50/2 + 12 G 62,5/125	60,0 - 67,0	3216,00	6450,00	red	V8: REELTEC KSM-S (N)TSCGEWÖU + FO 12/20 kV
3001718	3 X 120 + 2 X 70/2 + 12 G 62,5/125	66,0 - 73,0	4128,00	7700,00	red	V8: REELTEC KSM-S (N)TSCGEWÖU + FO 12/20 kV
3001719	3 X 150 + 2 X 95/2 + 12 G 62,5/125	69,0 - 73,0	4992,00	8550,00	red	V8: REELTEC KSM-S (N)TSCGEWÖU + FO 12/20 kV
3001720	3 X 185 + 2 X 95/2 + 12 G 62,5/125	75,0 - 79,0	6240,00	10600,00	red	V8: REELTEC KSM-S (N)TSCGEWÖU + FO 12/20 kV
3001721	3 X 240 + 2 X 120/2 + 12 G 62,5/125	80,0 - 84,0	8064,00	13200,00	red	V8: REELTEC KSM-S (N)TSCGEWÖU + FO 12/20 kV