

A wide-angle photograph of a port at night. The sky is a deep blue, and the water is dark with reflections of the lights. Numerous large gantry cranes are visible, their structures illuminated by warm lights. In the center, a large ship is docked, and other smaller vessels are visible in the background. The overall scene is one of industrial activity and infrastructure.

REELTEC®

Drumable cables
including installation display



Extreme movement stress

Movements at lofty heights - as precisely and quickly as possible. Exactly this is part of the requirement profile for state-of-the-art crane technology and container gantry cranes, which effortlessly handle heavy loads. Behind all this „back & forth“ and „up & down“ is complex control technology – and a large variety of cables designed from A to Z for these applications.

Individual cable solutions

Special cables are already part of our standard portfolio. We meet your demands on cables through the use of innovative designs, materials and manufacturing techniques. What is still in the future elsewhere, you can already see with us as the state-of-the-art technology and plan for your projects.



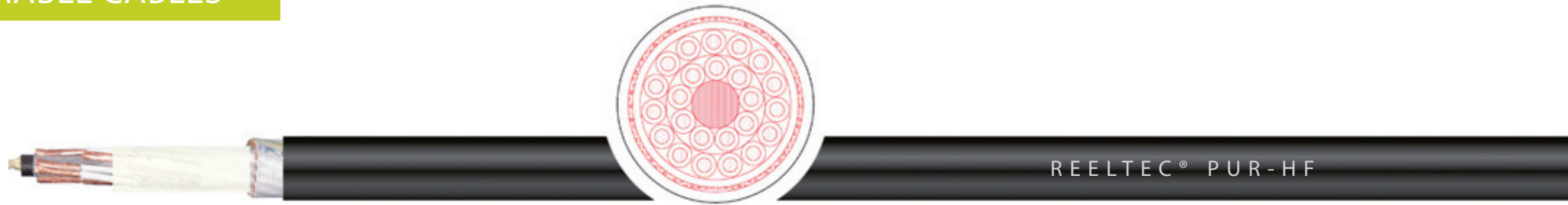
Application field

Energy supply

for a secure connection
to the container

[> REELTEC®](#)





Application

Halogen-free reeling cable for heavy duty devices such as cable reels (also vertical operation), hoisting devices, conveyor facilities, mobile motors, rail motors and agricultural devices. For exceptional mechanical stress in dry, humid and wet rooms and for outdoor use.

Structure



conductor material
bare copper strand



core material
based on polyester



core identification
VDE 0293-308



stranding
cores stranded in
layers



inner sheath
material
polyurethane



outer sheath
material
polyurethane

Specifications



rated voltage U_0/U
0,6/1 kV



testing voltage
2,5 kV



min. bending
radius fixed
 $6 \times d$



min. bending
radius moved
 $6 \times d$ ($7,5 \times d$ with roller deflection)



operat. temperature
fixed min./max.
 $-50^\circ\text{C} / +90^\circ\text{C}$



operat. temperature
fixed min./max.
 $-40^\circ\text{C} / +90^\circ\text{C}$





Labelling text will tell you if our cable has been placed free of torsion | www.tkd-kabel.de

Item no.	Dimension n x mm ²	Item no.	Dimension n x mm ²	Item no.	Dimension n x mm ²
REELTEC® PUR-HF-O					
3004001	3 X (2 X 1)C				
3004002	6 X (2 X 1)C				
REELTEC® PUR-HF-J					
3004003	4 X 1,5	3004019	4 X 4	3004033	4 X 16 + 2 X (4 X 1,5)C
3004004	5 X 1,5	3004020	14 X 4	3004035	4 X 25 + 2 X (6 X 1,5)C
3004005	7 X 1,5			3004036	4 X 35 + 2 X (4 X 1,5)C
3004006	12 X 1,5	3004021	4 X 6		
3004007	18 X 1,5	3004022	4 X 10	3004038	5 X 4 + 10 X 2,5
3004008	24 X 1,5	3004023	4 X 16		
3004009	30 X 1,5	3004024	4 X 25	3004041	19 X 2,5 + 5 X 1,5(C)
3004010	42 X 1,5	3004025	4 X 35	3004042	25 X 1,5 + 5 X 1,5(C)
				3004048	25 X 1,5 + 10 X (2 X 1)C
3004011	4 X 2,5	3004027	5 X 4		
3004012	5 X 2,5	3004028	5 X 6	3004050	8 X 6 X 2,5
3004013	7 X 2,5	3004029	5 X 10		
3004014	12 X 2,5	3004030	5 X 16		
3004015	18 X 2,5	3004056	4G1,5 + 2 X (2 X 0,75)C		
3004016	24 X 2,5	3004071	4 X 6 + 2 X (2 X 1)C		
3004017	30 X 2,5				
3004018	36 X 2,5	3004032	4 X 6 + 4 X (2 X 1,5)C		

DRUMABLE CABLES



REELTEC® (K) NSHTÖU, REELTEC® (K) (N)SHTÖU

Application

Reeling cable for winding operation, especially with tensile stress at the same time and/or torsional stress and/or compulsory cable direction. Suitable for dry, humid and wet rooms, for outdoor use and also on construction sites, in commercial and agricultural plants. For travelling up to 120 m/min.

Structure



conductor material
tinned copper strand



core material
rubber compound



core identification
VDE 0293-308



stranding
cores stranded
in layers



inner sheath
material
special rubber-
compound



outer sheath
material
special rubber-
compound

Specifications



rated voltage
U_o/U: 0,6/1 kV



testing voltage
2,5 kV



min. bending
radius fixed
DIN VDE 0298 part 3



min. bending
radius moved
DIN VDE 0298 part 3



operat. temperature
fixed min./max.
-40 °C / +80 °C



operat. temperature
fixed min./max.
-25 °C / +80 °C





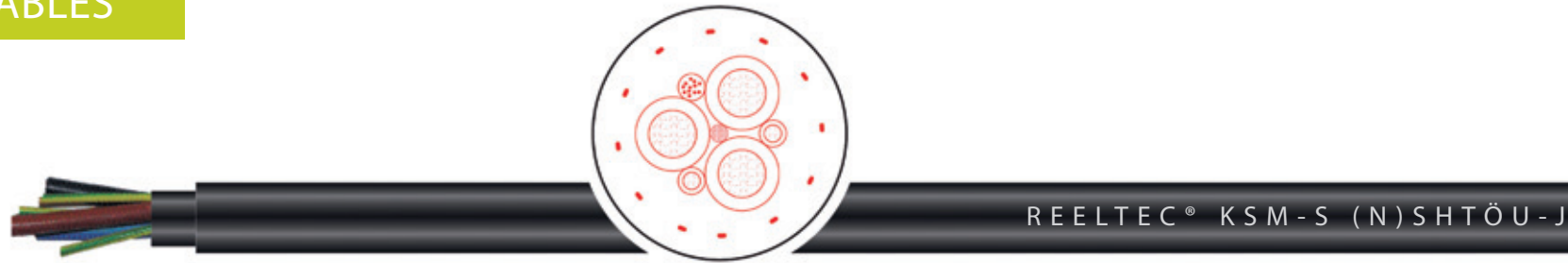
Item no.	Dimension n x mm ²	Item no.	Dimension n x mm ²	Item no.	Dimension n x mm ²
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REELTEC® (K) NSHTÖU-O, REELTEC® (K) (N)SHTÖU-O

3004201	3 X (2 X 1,5) C
3004202	6 X (2 X 1,5) C

REELTEC® (K) NSHTÖU-J, REELTEC (K) (N)SHTÖU-J

3004204	4 X 1,5	3004222	45 X 2,5	3004238	5 X 6
3004205	5 X 1,5	3004223	50 X 2,5	3004239	5 X 10
3004206	7 X 1,5			3004240	5 X 16
3004207	12 X 1,5	3004225	4 X 4	3004241	5 X 25
3004208	18 X 1,5	3004226	4 X 6	3004242	5 X 35
3004209	24 X 1,5	3004227	4 X 10		
3004210	30 X 1,5	3004228	4 X 16	3004243	19 X 2,5 + 5 X 1,5 (C)
3004212	42 X 1,5	3004229	4 X 25	3004244	25 X 2,5 + 5 X 1,5 (C)
		3004230	4 X 35		
3004213	4 X 2,5	3004231	4 X 50		
3004214	5 X 2,5	3004232	4 X 70		
3004215	7 X 2,5	3004233	4 X 95		
3004216	8 X 2,5	3004234	4 X 120		
3004217	12 X 2,5	3004235	4 X 150		
3004218	18 X 2,5	3004236	4 X 185		
3004219	24 X 2,5				
3004220	30 X 2,5	3004237	5 X 4		



Application

Reeling cable for winding operation, especially with simultaneously tensile stress and/or torsional stress and/or forced cable guidance. Suitable for dry, humid and wet rooms, for outdoor use and also on construction sites, in commercial and agricultural plants.

Structure



conductor material
bare copper strand
FO: Graded index-fibre
62,5/125 μ



core material
rubber compound



core identification
VDE 0293-308



overall stranding
cores stranded
in layers



inner sheath
material
special rubber-
compound



outer sheath
material
special rubber-
compound

Specifications



rated voltage
U_o/U: 0,6/1 kV



testing voltage
2,5 kV



min. bending
radius fixed
DIN VDE 0298 part 3



min. bending
radius moved
DIN VDE 0298 part 3



operat. temperature
fixed min./max.
-40 °C / +80 °C

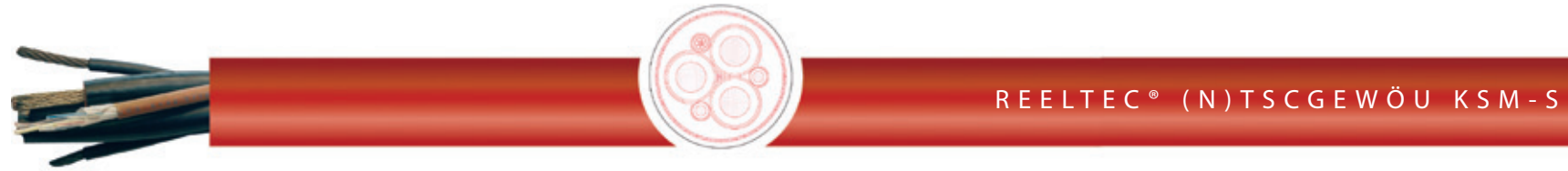


operat. temperature
fixed min./max.
-40 °C / +80 °C





Item no.	Dimension n x mm ²	Item no.	Dimension n x mm ²
REELTEC® KSM-S (N)SHTÖU-J		REELTEC® KSM-S (N)SHTÖU-J+FO	
3004402	3 X 50 + 3 X 25/3	3004409	3 X 25 + 2 X 16/2 + 12 G 62,5/125
3004403	3 X 70 + 3 X 35/3	3004410	3 X 35 + 2 X 16/2 + 12 G 62,5/125
3004404	3 X 95 + 3 X 50/3	3004411	3 X 50 + 2 X 25/2 + 12 G 62,5/125
3004405	3 X 120 + 3 X 70/3	3004412	3 X 70 + 2 X 35/2 + 12 G 62,5/125
3004406	3 X 150 + 3 X 70/3	3004413	3 X 95 + 2 X 50/2 + 12 G 62,5/125
3004407	3 X 185 + 3 X 95/3	3004414	3 X 120 + 2 X 70/2 + 12 G 62,5/125
3004408	3 X 240 + 3 X 120/3	3004417	3 X 150 + 2 X 70/2 + 12 G 62,5/125
		3004418	3 X 185 + 2 X 95/2 + 12 G 62,5/125
		3004420	3 X 240 + 2 X 120/2 + 12 G 62,5/125



REELTEC® (N)TSCGEWÖU KSM-S

Application

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.

Structure



conductor material
bare copper strand;
FO: Graded index-fibre
62,5/125 μ



core material
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
material
rubber-compound

Specifications



rated voltage
 U_o/U : 3,6/6 kV to
12/20 kV



testing voltage
11 kV to 29 kV kV



min. bending
radius fixed
DIN VDE 0298 part 3



min. bending
radius moved
DIN VDE 0298 part 3



operat. temperature
fixed min./max.
-40 °C / +80 °C



operat. temperature
fixed min./max.
-25 °C / +80 °C





Item no.	Dimension n x mm ²	Item no.	Dimension n x mm ²	Item no.	Dimension n x mm ²	Item no.	Dimension n x mm ²
REELTEC® KSM-S (N)TSCGEWÖU 3,6/6 kV		REELTEC® KSM-S (N)TSCGEWÖU 8,7/15 kV		REELTEC® KSM-S (N)TSCGEWÖU + FO 3,6/6 kV		REELTEC® KSM-S (N)TSCGEWÖU + FO 8,7/15 kV	
3001650	3 X 25 + 3 X 25/3	3001668	3 X 25 + 3 X 25/3	3001686	3 X 25 + 2 X 25/2 + 12 G 62,5/125	3001704	3 X 25 + 2 X 25/2 + 12 G 62,5/125
3001651	3 X 35 + 3 X 25/3	3001669	3 X 35 + 3 X 25/3	3001687	3 X 35 + 2 X 25/2 + 12 G 62,5/125	3001705	3 X 35 + 2 X 25/2 + 12 G 62,5/125
3001652	3 X 50 + 3 X 25/3	3001670	3 X 50 + 3 X 25/3	3001688	3 X 50 + 2 X 25/2 + 12 G 62,5/125	3001706	3 X 50 + 2 X 25/2 + 12 G 62,5/125
3001653	3 X 70 + 3 X 35/3	3001671	3 X 70 + 3 X 35/3	3001689	3 X 70 + 2 X 35/2 + 12 G 62,5/125	3001707	3 X 70 + 2 X 35/2 + 12 G 62,5/125
3001654	3 X 95 + 3 X 50/3	3001672	3 X 95 + 3 X 50/3	3001690	3 X 95 + 2 X 50/2 + 12 G 62,5/125	3001708	3 X 95 + 2 X 50/2 + 12 G 62,5/125
3001655	3 X 120 + 3 X 70/3	3001673	3 X 120 + 3 X 70/3	3001691	3 X 120 + 2 X 70/2 + 12 G 62,5/125	3001709	3 X 120 + 2 X 70/2 + 12 G 62,5/125
3001656	3 X 150 + 3 X 70/3	3001674	3 X 150 + 3 X 70/3	3001692	3 X 150 + 2 X 70/2 + 12 G 62,5/125	3001710	3 X 150 + 2 X 70/2 + 12 G 62,5/125
3001657	3 X 185 + 3 X 95/3	3001675	3 X 185 + 3 X 95/3	3001693	3 X 185 + 2 X 95/2 + 12 G 62,5/125	3001711	3 X 185 + 2 X 95/2 + 12 G 62,5/125
3001658	3 X 240 + 3 X 120/3	3001676	3 X 240 + 3 X 120/3	3001694	3 X 240 + 2 X 120/2 + 12 G 62,5/125	3001712	3 X 240 + 2 X 120/2 + 12 G 62,5/125
REELTEC® KSM-S (N)TSCGEWÖU 6/10 kV		REELTEC® KSM-S (N)TSCGEWÖU 12/20 kV		REELTEC® KSM-S (N)TSCGEWÖU + FO 6/10 kV		REELTEC® KSM-S (N)TSCGEWÖU + FO 12/20 kV	
3001659	3 X 25 + 3 X 25/3	3001677	3 X 25 + 3 X 25/3	3001695	3 X 25 + 2 X 25/2 + 12 G 62,5/125	3001713	3 X 25 + 2 X 25/2 + 12 G 62,5/125
3001660	3 X 35 + 3 X 25/3	3001678	3 X 35 + 3 X 25/3	3001696	3 X 35 + 2 X 25/2 + 12 G 62,5/125	3001714	3 X 35 + 2 X 25/2 + 12 G 62,5/125
3001661	3 X 50 + 3 X 25/3	3001679	3 X 50 + 3 X 25/3	3001697	3 X 50 + 2 X 25/2 + 12 G 62,5/125	3001715	3 X 50 + 2 X 25/2 + 12 G 62,5/125
3001662	3 X 70 + 3 X 35/3	3001680	3 X 70 + 3 X 35/3	3001698	3 X 70 + 2 X 35/2 + 12 G 62,5/125	3001716	3 X 70 + 2 X 35/2 + 12 G 62,5/125
3001663	3 X 95 + 3 X 50/3	3001681	3 X 95 + 3 X 50/3	3001699	3 X 95 + 2 X 50/2 + 12 G 62,5/125	3001717	3 X 95 + 2 X 50/2 + 12 G 62,5/125
3001664	3 X 120 + 3 X 70/3	3001682	3 X 120 + 3 X 70/3	3004748	3 X 95 + 2 X 50/2 + 24 G E9/125	3001718	3 X 120 + 2 X 70/2 + 12 G 62,5/125
3001665	3 X 150 + 3 X 70/3	3001683	3 X 150 + 3 X 70/3	3001700	3 X 120 + 2 X 70/2 + 12 G 62,5/125	3001719	3 X 150 + 2 X 95/2 + 12 G 62,5/125
3001666	3 X 185 + 3 X 95/3	3001684	3 X 185 + 3 X 95/3	3001701	3 X 150 + 2 X 70/2 + 12 G 62,5/125	3001720	3 X 185 + 2 X 95/2 + 12 G 62,5/125
3001667	3 X 240 + 3 X 120/3	3001685	3 X 240 + 3 X 120/3	3001702	3 X 185 + 2 X 95/2 + 12 G 62,5/125	3001721	3 X 240 + 2 X 120/2 + 12 G 62,5/125
				3001703	3 X 240 + 2 X 120/2 + 12 G 62,5/125		



www.cableconnectivitygroup.com



Resta aggiornato sulle
novità anche sui social!



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