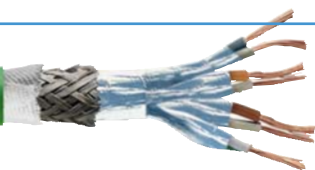


INDUSTRIAL GIGABIT ETHERNET CABLES CAT 6

GE 691 CAT 6 Gigabit Ethernet cable, for flexible applications

S GE 696 CAT 6 Gigabit Ethernet cable, continuously flexible

691 CAT6 Gigabit Ethernet Cable 4 x 2 x 26 AWG CE



Marking for GE 691 06912604:

SAB BRÖCKSKES · D-VIERSEN · GE 691 CAT6 Gigabit Ethernet Cable 4 x 2 x 26 AWG CE

Construction:	GE 691	S GE 696
Dimension:	4 x 2 x 26 AWG	
Conductor:	tinned copper strands, fine wires	tinned copper strands, extra fine wires
Core insulation:	PE	
Colour code:	white cores with consecutive numbers 1 - 4 (+ blue, orange, green, brown)	
Stranding:	twisted to pairs / pairs wrapped with PETP foil and alu foil	
Wrapping:	non-woven tape	
Screen:	alu foil + tinned copper braiding	
Wrapping:	non-woven tape	
Outer sheath:	PUR	
Sheath colour:	green (similar RAL 6018)	

Technical data:	GE 691	S GE 696
Item number:	0691-2604	0696-2604
Peak operating voltage VDE:	max. 350 V	
Testing voltage:	core/core 1500 V, core/screen 1200 V	
Temperature range VDE fixed laying: flexible application:	- 40°C / + 70°C - 30°C / + 70°C	
Min. bending radius fixed laying: flexible application: continuously flexible:	5 x d 10 x d	5 x d 10 x d 15 x d
Characteristic impedance (1-100 MHz):	100Ω ± 10Ω, accomplishes the electrical and transmission requirements with high frequency with reference to EN 50288-5-2	
Halogen-free:	acc. to DIN VDE 0472 part 815 + IEC 60754-1	
Oil resistance:	TMPU acc. to DIN VDE 0282 part 10 + HD 22.10	
Absence of harmful substances:	acc. to RoHS-guideline 2002/95/EG as well as GefStoffV appendix IV-no. 24 see page N/14	

item no.	type	no. of pairs	cross section AWG	max. core-ø mm	outer-ø max. mm	copper figure kg/km	cable weight ≈kg/km	ohmic resistance at 20°C acc. to VDE 0812 max.Ω/km
0691-2604	GE 691	4	26	1,50	9,0	39,8	73	145
0696-2604	S GE 696	4	26	1,50	9,0	40,6	74	145

Other dimensions and colours are possible on request.