

SERVO CABLES

GAALFLEX® SERVO T 829 C

TPE/PVC with overall copper screen, acc.to SIEMENS standard 6FX5008



ELETTROTEK KABEL® GAALFLEX® SERVO T 829 C

Construction:

Conductor:	flexible red copper conductor Cl. 5 acc to IEC 60228, DIN VDE 0295
Insulation:	special TPE compound
Colour cores:	black cores with consecutive numbers acc. to EN 50334 green-yellow from 3 cores
Stranding:	In layers + fillers
Wrapping:	plastic tape
Screen:	tinned copper braid
Outer sheath:	orange (RAL 2003), special PVC compound

Resistance:



Self-extinguishing and flame retardant acc.to:
IEC 60332-1-2
EN 60332-1-2
UL CSA FT-1,FT-2



Oil resistance acc. to:
DIN VDE 0473 part 811-2-1
IEC 60811-2-1

Technical data:

Nominal voltage:	U ₀ /U 0,6/1 kV UL/CSA: 1000 V
Test voltage:	supply cores: 4kV x 5 min core screen: 1,5 kV x 1 min
Temperature range	DIN VDE: UL/CSA: up to + 80°C
<i>Fixed laying:</i>	- 40°C up to +70°C
<i>Flexible installation:</i>	- 5°C up to + 70°C
Radiation resistance:	5 x 10 ⁻⁷ cj/kg
Min. bending radius	
<i>Fixed laying:</i>	5 x d
<i>Flexible installation:</i>	10 x d
<i>Continuously flexible:</i>	18 x d

Features:

UL AWM style 2570 80°C 1000 V
CSA AWM I/II A/B 80°C 1000 V FT1 FT2

adhesion-free installation

DESINA® colours

RoHS and CE approval



SIEMENS

Part no.	acc.to SIEMENS Standard	No.of cores x cross section n x mm ²	Outer-Ø ca.mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no.)*
37040HG004BA16	6FX5008-1BA11	4 G 1,5 + (2 x 1,5)C	10	131	190	16/16
37040HG004BA14	6FX5008-1BA21	4 G 2,5 + (2 x 1,5)C	12	170	240	14/16
37040HG004BA12	6FX5008-1BA31	4 G 4 + (2 x 1,5)C	14	253	340	12/16
37040HG004BA10	6FX5008-1BA41	4 G 6 + (2 x 1,5)C	16	340	460	10/16
37040HG004BA08	6FX5008-1BA51	4 G 10 + (2 x 1,5)C	21	535	775	8/16
37040HG004BA06	6FX5008-1BA61	4 G 16 + (2 x 1,5)C	24	750	1115	6/16
37040HG004BA04	6FX5008-1BA25	4 G 25 + (2 x 1,5)C	28	1160	1531	4/16
37040HG004BA02	6FX5008-1BA35	4 G 35 + (2 x 1,5)C	31	1540	2010	2/16
37040HG004BA01	6FX5008-1BA50	4 G 50 + (2 x 1,5)C	36,5	2150	2765	1/16

Other dimension and colours available on request.