

TELCOFLEX™ CLASS I

CLOTH BRAID: KS24194™ LIST IV ZERO-HALOGEN

DESCRIPTION

This low smoke product with a non-halogenated TelcoHyde™ 5221 insulation and natural cotton braid is lead-free and silicone-free. The construction of this cotton braided power cable is in accordance with Underwriters Laboratories requirements and the requirements of CSA for the FT4 flame tests.

STRANDING

Class I (modified) bunched (8 and 6 gauge) and rope-bunched (4 gauge and larger) stranded tinned copper conductors to ASTM B-33 and UL requirements. An opaque mylar tape is applied over the conductor to facilitate stripping.

STANDARD

Telcordia specification GR-347-CORE, UL listed RHH/LS FT4 and VW-1 90°C dry, 105°C wet, 600 Volts, UL listed “For CT Use” (sizes 1/0 AWG and larger), CSA AWM I B 105°C, 600 volt, FT4.

INSULATION

90°C rated limited smoke, non-halogen, TelcoHyde™ 5221 conforming to Underwriters Laboratories Standard 44 and Telcordia Specification GR-347-CORE, also CSA 105°C AWM rated. The insulation has a limiting oxygen index of 35%.

VOLTAGE

600 Volts

TEMPERATURE

90°C dry, 60°C wet RHH
105°C dry, 60°C wet AWM



NEED TELECOM ACCESSORIES?



The electrical wire mill industry began in 1877, when Thomas Doolittle of Connecticut developed hard-drawn copper wire strong enough to be strung overhead.



▲ *Cloth cable installed in a Central Office.*

Cobra Part Number	Size	Stranding Tinned Copper Class I	Insulation Thickness	Nominal OD	MAX. D.C RES. @ 20°C	Cable Weight
	AWG				OHMS/MFT	
MCKI08	8	41 x 24	0.060	0.330	0.679	86
MCKI06	6	65 x 24	0.060	0.365	0.436	120
MCKI04	4	105 x 24	0.060	0.435	0.274	193
MCKI02	2	168 x 24	0.060	0.480	0.172	284
MCKI10	1/0	266 x 24	0.080	0.615	0.109	479
MCKI20	2/0	342 x 24	0.080	0.675	0.087	593
MCKI40	4/0	532 x 24	0.080	0.800	0.055	882
MCKI350	350 MCM	888 x 24	0.095	1.015	0.033	1373
MCKI500	500 MCM	1221 x 24	0.095	1.145	0.023	1906
MCKI750	750 MCM	1850 x 24	0.110	1.380	0.016	2792



TELCOFLEX™ IV KS24194™ L4 NON HAL SIZE AWG
600V RHH ST1 FT4 (UL) OR AWM 3578 60°C WET VW-1
E NUMBER CSA NUMBER AWM IB 105°C 600V FT4
YEAR (SIZES OVER 1/0 INCLUDE "FOR CT USE")