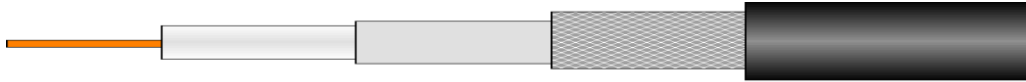


RF COAX 50 OHM - TCE2HH2 1(2.74/7.30)/M-L

P/N H-C400-1EBL



CABLE CONSTRUCTION

INNER CONDUCTOR	COPPER CLAD ALUMINIUM WIRE (CCA) Ø 2.74 ±0.01 mm Min.Break Strenght 640 N
DIELECTRIC	FOAM POLYETHYLENE 7.24 ± 0.15 mm Color neutral Centricity ≥85% Adhesion 10 to 100N @ 25mm
SHIELDING	AL/P-Foil (BONDED) Foil overlap ≥2mm
OVERALL BRAID	TINNED COPPER wire braid Coverage 80±3%
JACKET	LSZH (UV Resistant) Ø 10.16 ± 0.10 mm Color Black Tensile strength ≥16.2N/mm ² Elongation at break ≥700% Adhesion 30 to 100N @ 50mm
PRINTING	HARECA TZC 500 32 (week/year) Eca € 000M..001M

ELECTRICAL PERFORMANCE

INDUCTANCE	0.2 µH/m
CHARACTERISTIC IMPEDANCE	50 ± 2 Ohm
VELOCITY RADIO	85 %
CAPACITANCE	75 ± 3 pF/m
INSULATION RESISTANCE	≥ 10 Gohm
INNER CONDUCTOR RESISTANCE	≤ 4.8 Ohm/Km
OUTER CONDUCTOR RESISTANCE	≤ 8.3Ohm/Km
PEAK POWER	16 kW
JACKET SPARKER	8.000 Voits RMS
DIELECTRIC STRENGTH	2500 Voits DC
SHIELDING EFFECTIVENESS (30-5800 MHz)	> 90 dB
VSWR	1.2 (:1)

DATA SHEET NO. 894-20
REV. 1 03/03/2020

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FREQUENCY AT 20°	Avg. POWER	ATTENUATION 10% higher
30 MHz	3.33 kW	2.20 dB/100m
50 MHz	2.57 kW	2.90 dB/100m
150 MHz	1.47 kW	5.00 dB/100m
450 MHz	0.83 kW	8.90 dB/100m
900 MHz	0.58 kW	12.80 dB/100m
1500 MHz	0.44 kW	16.80 dB/100m
1800 MHz	0.40 kW	18.60 dB/100m
2000 MHz	0.37 kW	19.60 dB/100m
2500 MHz	0.33 kW	22.20 dB/100m
5800 Mhz	0.21 kW	35.50 dB/100m

MECHANICAL AND ENVIRONMENTAL PERFORMANCE

OPERATING TEMPERATURE	-40 °C to +85 °C
INSTALLATION TEMPERATURE	-5 °C
MINIMUM BEND RADIUS	
Installation	36 mm
Repeated	100 mm
MAX PULLING TENSION	740
CRUSH RESISTANCE OF CABLE (LOAD OF 700N)	≤1%

REACTION TO FIRE CLASSIFICATION

CLASS Eca - CPR 305/2011

RoHS 3.0 Guideline

Cadmium content (Cd)	≤0.01%
Lead content (Pb)	≤0.1%
Mercury content (Hg)	≤0.1%
Chromium (VI) content	≤0.1%
Polybrominated Biphenyls (PBB)	≤0.1%
Polybrominated Diphenyl Ether (PBDE)	≤0.1%
Diethyl hexyl phthalate (DEHP)	≤0.1%
Butyl phenyl phthalate (BBP)	≤0.1%
Dibutyl phthalate (DBP)	≤0.1%
Diisobutyl phthalate (DIBP)	≤0.1%

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