

ELCURIGID

for example type 141-50 FEP

High screened coaxial RF- cable with tin soaked braid

Applications

For the internal cabling of transmitter-antennas and generally for measurements and electronic equipment components to be controlled with high frequent signals.

Max. core temperature:
+ 260 °C

Design

1. Conductor

Cu vag (or Staku vag)

3. Screen

Tin soaked copper braiding

2. Insulation

Teflon- PTFE 5YI1 according to VDE 0207 part 5

4. Outer Sheath

Teflon-FEP



Marking

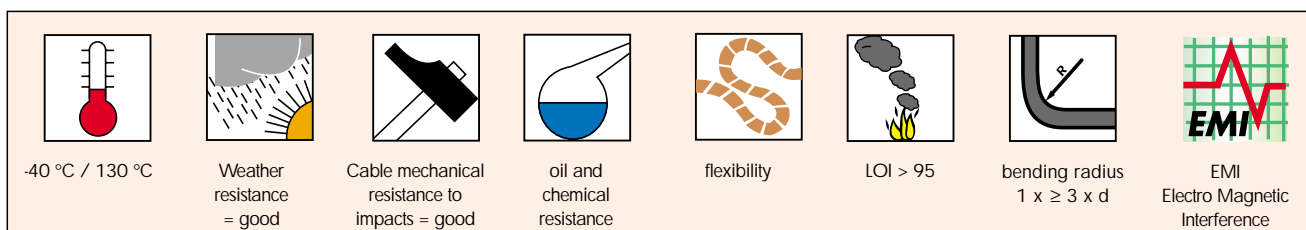
optional

Core identification

transparent insulation

Standards

IEC 61196-1
IEC 60096-0-1
IEC 61196-1



ELCURIGID



Overview of all ELCURIGID types

Type	Charateristic impedance IEC 61196-1 11.8.1 Ω	Capacitance IEC 61196-1 11.3 pF/m	Screening attenuation IEC 61196-1 12.6 dB	Insulation resistance IEC 61196-1 11.2 G Ω · km	Withstand voltage of dielectric IEC 61196-1 11.5 50 Hz, 1 min kV eff	Return loss min. IEC 61196-1 11.12 dB	Attenuation IEC 61196-1 13.6		Power rating and working voltage IEC 60096-0-1	
							Typ. Max. 1000 MHz	Typ. Max. 2000 MHz	P [W] U [V] 1000 MHz	P [W] U [V] 2000 MHz
ECR 86-50	50 ± 2	97	≥ 80 dB	10	2,0	25 dB	73,8 82	110 125	165 90	110 75
ECR 86-50-FEP	50 ± 2	97	at	10	2,0	with	73,8 82	110 125	165 90	110 75
ECR 141-50	50 ± 2	97	10 MHz	10	4,0	single	40,2 47	60,1 70	485 150	320 120
ECR 141-50-FEP	50 ± 2	97	-	10	4,0	peaks	40,2 47	60,1 70	485 150	320 120
ECR 141-75 (Staku vag)	75 ± 3	63	2000	10	4,0	up	42,2 49	63,1 72	410 175	280 140
ECR 141-75-FEP (Staku vag)	75 ± 3	63	MHz	10	4,0	to	42,2 49	63,1 72	410 175	280 140
ECR 141-75 (Cu vag)	75 ± 3	63	multiple	10	3,5	at	42,2 49	63,1 72	410 175	280 140
ECR 141-75-FEP	75 ± 3	63	bending	10	3,5	50 MHz	42,2 49	63,1 72	410 175	280 140
ECR 141-35	35 ± 2	137	decreases	10	4,0	-	46,7 56	70,1 85	450 120	300 100
ECR 141-35-FEP	35 ± 2	137	the	10	4,0	2000	46,7 56	70,1 85	450 120	300 100
ECR 141-60	60 ± 2	78	screening	10	4,0	MHz	41,4 47	61,9 70	485 170	320 135
ECR 141-60-FEP	60 ± 2	78	effective-	10	4,0	-	41,4 47	61,9 70	485 170	320 135
ECR 141-100	100 ± 5	47	ness	10	2,5	2000	48,4 54	71 79	330 180	225 150
ECR 141-100-FEP	100 ± 5	47		10	2,5	MHz	48,4 54	71 79	330 180	225 150
ECR 250-50	50 ± 2	97		10	7,0		23,8 28	36,3 42	1220 250	820 200
ECR 250-50-FEP	50 ± 2	97		10	7,0		23,8 28	36,3 42	1220 250	820 200

