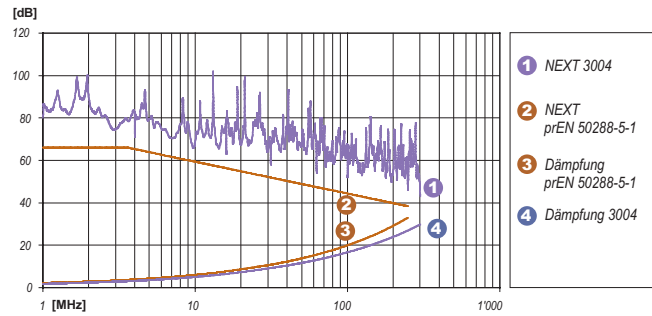


Technical Data:

Electrical properties

Loop resistance at 20°C: 114 Ω/km
 Mutual capacitance: 46 pF/m
 Impedance Z₀: 100 Ω±15 Ω
 Transfer impedance: 10 mΩ/m
 Near end unbalance att. LCL at 1/100/250 MHz: 65/48/44 dB
 Delay skew: 1 ns/100m
 NVP: 76 %



Frequency [MHz]	1	4	10	16	20	31.25	62.5	100	155	250	300
Attenuation [dB/100m]	1.5	2.9	4.7	6.0	6.7	8.4	12	15.5	19.5	24.5	27
NEXT [dB]	80	71	67	63	59	58	54	52	48	46	43
PS NEXT [dB]	78	69	65	61	57	56	52	50	46	44	41
ACR [dB]	79	68	62	57	52	50	42	37	29	22	16
PS ACR [dB]	77	66	60	55	50	48	40	35	27	20	14
ELFEXT [dB]	85	75	66	63	59	54	41	35	31	24	21
PS ELFEXT [dB]	83	73	64	61	57	52	39	33	29	22	19
Return loss [dB]	27	30	35	35	35	32	30	30	30	30	30

These performance data are typical measured values.

Mechanical properties

Bending radius: see table (left)
 Tensile strength: see table (left)
 Burning load: on request
 Temperature range:
 - during installation: 0°C to + 50°C
 - in operation: -20°C to + 60°C

Environmental conditions

Halogen content: accordance to IEC 60754-2
 Smoke density: accordance to IEC 61034
 Burning behaviour: accordance to IEC 60332-1 and IEC 60332-3

General properties

Wire colour code: white/blue, turquoise/violet
 accordance to IEC 189 and IEC 708
 Imprint:
 Single cable: NO. X DAETWYLER UNINET 3004 2P FRNC/LSOH (batch no. and meter marks) (X = cable number)
 Whole cable: DAETWYLER UNINET 3004 nx2P FRNC/LSOH (+batch no. and meter marks) (n = variable depending on number of 2P elements)

- Halogen content, No corrosive gas emissions (DIN-VDE 0472-813) New: DIN VDE 0482-267, EN 50267 (CENELEC HD 602), IEC 60754-2
- Self extinguishing (DIN-VDE 0472-804) New: DIN VDE 0482-265, EN 50265 (CENELEC HD 405.1), IEC 60332-1
- Low fire propagation DIN VDE 0472-804/Test class C, CENELEC HD 405.3, IEC 60332-3 cat. C
- Minimum smoke production (DIN-VDE 0472-816) New: DIN VDE 0482-268, EN 50268 (CENELEC HD 606), IEC 61034
- EMI shielded
- Category/class better than Cat. 6, class E