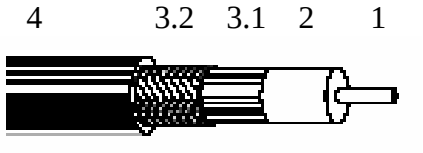
Product Datasheet

CX4C0 (FB14)
CATV Trunk Cable

Application

Low loss coaxial cable offer an optimum attenuation performance in cable broadband communication networks where longer runs are required. Designed according the European Standard EN 50117-1 and draft EN 50117-2-4 May 2002, EN 50083-2/A1
Screening class A+

Construction & Dimensions



1. **Conductor**
2. **Dielectric**

3.1 Foil
3.2 Braid

4. **Jacket**

1. **Inner Conductor** Innenleiter - Conduttore Interno – Conducteur – Conductor - Проводник

Material	solid, bare copper
Diameter	2.23 mm

2. **Dielectric** Dielektrikum – Dielettrico – Diélectrique – Dieléctrico - Диэлектрик

Material	Gas injected PE
Diameter over insulation	10.2 mm

3. **Outer Conductor** Aussenleiter - Conduttore Esterno - Conducteur extérieur - Conductor externo - Внешний проводник

Material	foil + braid
Diameter screen	11.0 mm
3.1 Shielding foil	cu foil
Coverage:	100%
3.2 Shielding braid	bare copper braid
Coverage	60% ± 5%

4. **Jacket** Aussenmantel – Guaina – Gaine – Revestimiento - Оболочка

Material	PE
Diameter:	13.80 ± 0.2 mm
Color and text:	see table Marking

Requirements and test methods

Electrical characteristics

Mean characteristic impedance: 75 ± 3 Ω

Wellenwiderstand - Impedenza Caratteristica Principale - Impédance nominale - Características eléctricas - Электрические характеристики

Nominal capacitance conductor to shield: 54 pF/m

Kapazitaet - Capacità Nominale Conduttore/Schermo - Capacité nominale entre conducteur et blindage - Capacitancia nominal de conductor a blindaje - Номинальная емкость “проводник-экран”

Nominal velocity of propagation: 82%

Ausbreitungsgeschwindigkeit - Velocità Nominale di Propagazione - Vitesse de propagation nominale - Velocidad nominal de propagación - Номинальная скорость распространения сигнала

Max. DC loop resistance: 9.0 Ω/km

Schleifenwiderstand – Resistenza continua di Loop – Resistenza (DC) di Loop - Resistencia de bucle CC - Сопротиление петли пост. Тока

Max. inner conductor DC resistance @ 20 ˚C: 4.5 Ω/km

Gleichstromwiderstand Innenleiter - Resistenza Nominale DC del Conduttore Interno - Résistance du conducteur intérieur - Resistencia CC nominal del conductor interno - Номин. сопротивление пост. тока внутреннего проводника при

Max. outer conductor DC resistance @ 20 ˚C: 4.5 Ω/km

Gleichstromwiderstand Aussenleiter - Resistenza Nominale DC del Conduttore Esterno - Résistance du conducteur extérieur - Resistencia CC nominal del conductor externo - Номин. сопротивление пост. тока внутреннего проводника при