



## U=Mining cable

Conductor	Material	BC/CCA/CCS
	Nom. Dia.	0.81mm or 0.643mm
Dielectric	Material	FPE or PE
	Nom. Dia.	3.65mm
Shielding	Material	Al foil+96*0.12mm Al-mg braiding
	Coverage	75% or 95%
Jacket	Material	PVC
	Nom. Thick	0.8mm
	Nom. Dia.	6.0mm

### Basic Characteristics

Nominal Impedance(Ohm)	75±2	
Nominal Velocity of Propagation(%)	85	
Nominal Capacitance(pF/m)	50	
Sparker Test(VAC)	4000	
SRL(dB)	>20	
Attenuation(68°F/20°C)		
Frequency(MHz)	Maximum(db/100ft)	Maximum(db/100m)
5	0.86	2.82
55	2.05	6.73
300	4.45	14.6
600	5.2	20.34
1000	8.12	26.64
1450	9.88	32.41
1800	11.81	38.72
2200	13.05	42.78

### Material

1. Inner conductor: Tinned Copper, Bare Copper, and Copper Clad Steel available;
2. Al-foil: unbonded AP, Bonded AP, APA, Bonded APA available;
3. Braiding: 1) Material: Al-mg, CCA, Bare Copper and Tinned Copper wire available;
  - 2) Braiding wire diameter: 0.12, 0.13, 0.14, 0.15, 0.16mm available;
  - 3) Braiding net: 80, 96, 120, 128, 144 and more available;
  - 4) Braiding coverage: Between 30 - 97% available;
4. Jacket material: PVC, PE Flame retardant, UV, Rohs, available.