

# S-2YY/H 25/50/100x2x0.52



U/UTP symmetrical Data Cable 24AWG acc. to Cat. 5e

Prysmian  
Group

## Technical Data

### Application-Installation

IEEE 802.3: 10Base-T; 100Base-T; ISDN; xDSL  
IEEE 802.5 16 MB; ISDN; TPDDI; ATM155Mbit/s

### Standards

EN 50173, ISO/IEC 11801, IEC 56-5

### Flame Resistance

PVC IEC 60332-1  
FRNC IEC 60332-1; IEC 60754-2; IEC 61034

### Construction

#### 1. Conductor

-Bare copper wire, diameter 0.52 mm (AWG24)

#### 2. Insulation

-Polyethylene

#### 3. Twisting

-2 cores to the pair

#### 4. Sub unit stranding

-5 pairs to subunit + filler

#### 5. Main unit stranding

-5 subunits to a 25" unit + filler

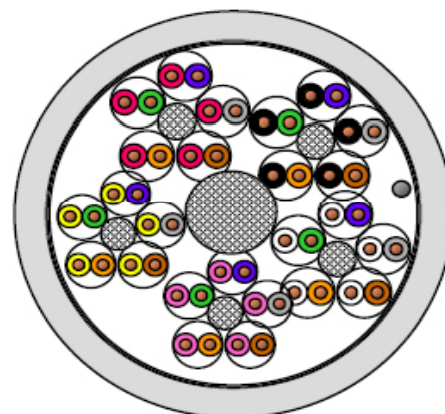
PET foil wrapping

#### 6. Identification

Pair 1 – 5: a-Core wt; b-Core bl, or, gn, br, gr  
Pair 6 – 10: a-Core rd; b-Core bl, or, gn, br, gr  
Pair 11 – 15: a-Core bk; b-Core bl, or, gn, br, gr  
Pair 16 – 20: a-Core ye; b-Core bl, or, gn, br, gr  
Pair 21 – 25: a-Core vi; b-Core bl, or, gn, br, gr  
Binding tapes of main units: bl, or, gn, br

#### 7. Sheath

-PVC or FRNC, diameter 15.5 mm, grey RAL 7035



### Marking

DRAKA COMTEQ S-2YY 25x2xAWG24 CAT5e + meter marking+ batch number

Part Number	Type	Pairs x cond.Ømm	Outer Ø (Mm)	Weight (kg/m)
121847	S-2YY Cat5e U/UTP Multipair PVC	25x2x0.52	15.5	0,2
121858	S-2YY Cat5e U/UTP Multipair PVC	50x2x0.52	27.5	0,4
121869	S-2YY Cat5e U/UTP Multipair PVC	100x2x0.52	32.5	0,8
121880	S-2YH Cat5e U/UTP Multipair LSHF	25x2x0.52	15.5	0,2
121891	S-2YH Cat5e U/UTP Multipair LSHF	50x2x0.52	27.5	0,4
121902	S-2YH Cat5e U/UTP Multipair LSHF	100x2x0.52	32.5	0,8