

SHIELDED FAS 105 GLO WRAP® – COPPER CONDUCTOR

SIZES #18 - #12 PVC INSULATED SINGLES

SHIELDED, ALUMINUM ARMoured

105°C 300V, 3 TO 5 CONDUCTOR SHIELDED CONSTRUCTION

July 2025



Conductor:
Bare solid soft drawn copper

Insulation:
Thermoplastic (105°C dry)

Bonding Conductor (Ground):
1 solid insulated copper conductor

Shield: Overall aluminum foil shield with tinned
22 AWG drain wire

Jacket
Red PVC rated 105°C
Rip cord under PVC Jacket

Armour:
Aluminum interlocked armour
Steel interlocked armour (available upon Request)

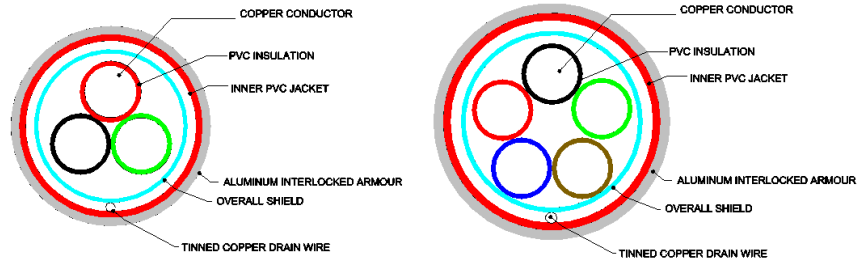
Colour Coding:
3 Conductor Black/Red/Green
5 Conductor Black/Red/Blue/Brown/Green

Speciality colours available upon request

Applications:
For use in fire alarm, signal and voice communication circuits where exposed, or concealed in dry locations
Power limited fire alarm circuits
Class 1, Class 2 and Class 3 remote control and power limited circuits
For concealed wiring in dry locations
For exposed wiring in dry locations
For use in raceways or cable trays in dry locations
When embedded in plaster finish on brick or other masonry, except in damp or wet locations.

Features:
Rated at 105°C dry
Operating Voltage 300 V (max)
Excellent crush resistance
Provides long service life
Cost effective alternative to installations in conduit
Shielding provides protection from low power frequencies and radio frequency interference
Red GLO WRAP®

Compliances:
Industry compliances: CSA C22.2 No.208, No. 2556, RoHS
Flame test compliances: FT4, FT1



| PART NUMBER | NO OF COND. | COND. SIZE (AWG) | MIN. AVG. INSULATION THICKNESS | | NOMINAL DIAMETER (OVER) | | | | NET WEIGHT | |
|-------------|-------------|------------------|--------------------------------|------|-------------------------|-----|--------|-------|------------|-----------|
| | | | | | INNER JACKET | | ARMOUR | | | |
| | | | INCHES | mm | INCHES | mm | INCHES | mm | KG/KM | LBS/1000' |
| 803422 | 3 | 18 | 0.015 | 0.38 | 0.221 | 5.6 | 0.401 | 10.19 | 103 | 69 |
| 803421 | 5 | 18 | 0.015 | 0.38 | 0.260 | 6.6 | 0.440 | 11.18 | 132 | 89 |
| 803424 | 3 | 16 | 0.015 | 0.38 | 0.244 | 6.2 | 0.424 | 10.77 | 123 | 83 |
| 803423 | 5 | 16 | 0.015 | 0.38 | 0.289 | 7.3 | 0.469 | 11.91 | 164 | 110 |
| 803426 | 3 | 14 | 0.015 | 0.38 | 0.272 | 6.9 | 0.452 | 11.48 | 152 | 102 |
| 803425 | 5 | 14 | 0.015 | 0.38 | 0.324 | 8.2 | 0.508 | 12.90 | 214 | 144 |
| 803428 | 3 | 12 | 0.015 | 0.38 | 0.308 | 7.8 | 0.488 | 12.40 | 179 | 120 |
| 803427 | 5 | 12 | 0.015 | 0.38 | 0.369 | 9.4 | 0.549 | 13.94 | 261 | 175 |

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES